Illinois Environmental Protection Agency Division of Land Pollution Control

Division of Lang Policial Control			u an a c
USEPA#: IL DOO 5 1 0 9 82	IEPA #: -	01100	240005
Facility Name: CLARK OIL + RE	FINING COR		-08 385 5000
Street Address: 13/00 5 KED 2-1E		County: C	
City: 18/11- 15/AND	State		Zip: 60406
Region: 2 Inspection Date:	6126196	From:/C	100 To: 1030
Veather: 750F			
	E OF FACILITY		0 g 7 5 8 9 9
	Regulated	IAs: G	
Notified As:	J Required?:	YES	NO V
(Yes) or Mail		2	
	E OF INSPECTION	O'd-	Other
CEI: Sampling: Citizen	Complaint:	Closeo:	C Withdrawal:
CME/O&M: Record Review:	_ Follow-Up to Insp	ection of: 6 2 · ·	5_ Withdrawai.
	REGULATED STATUS	SNA	Water the same of
SQG: Claimed Nonhandler		Other (Specify in	Narrative):
	PARTA		
Notification Date: 8 1 18 1 PO	, from (initial) or (st	ubsequent) Notifica	ation.
	A	mended:/_	
Initial Part A Date: // 1919		pproved by (US)(I	JEPA: 2118194
Part A Withdrawal requested: 21/P 188	25		
PART	B PERMIT APPLICA		
Part B Permit Submitted: Y or N/		Final Permit Issue	ed:
	ENFORCEMENT NA	3 3 8 9 N N 2	
Has the firm been referred to -		N/_/	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Illinois Attorney General: Y or N//	County State's		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ORDERS ISSUED _{NA}		
	URBERS ISSUE NA	Consent Dec	ree: //
CACO:// CAFO:			, ,
Federal Court Order:// State Co	ourt Order:/_	_/_ IPCB CI	Oct.
TSD FA	CILITY ACTIVITY SU	MMARY NA_	
	///	2003	
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Activity by Process Code On Part N Activity by Process Code On Part N Activity by Process Code	Even County County ON	35 IAC,	Sec. 19 19 19
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		IEPA-	DIAC COM

0310240005 - Cook Clark Oil & Refining Corporation June 26, 1996

NARRATIVE Prepared by James Haennicke

On June 26, 1996 a second follow-up inspection was conducted at Clark Oil & Refining Corporation (CORC) in Blue Island. This inspection was conducted to verify that soil contamination around Tank 51 was remediated and new valves and packing installed. During today's site visit, I met with Assistant Environmental Manager Elva Carusiello.

Three roll-off boxes of contaminated stones/soil have been excavated to date from around Tank 51. More material needs to be removed, however, the outstanding 21(a) violation will be resolved as remediation of contaminated soils at this facility is an ongoing practice and a part of general housekeeping. Whether or not new valves and packing had been installed could not be determined, however, an independent contractor's receipt for services was supplied during the May 22, 1996 Pre-Enforcement Conference.

VIOLATIONS RESOLVED

21(a) of the Act- No person shall cause or allow the open dumping of any waste. Soil contamination around Tank 51 has been and continues to be remediated.

Illinois Environmental Protection Agency Division of Land Pollution Control

. 9 0 0 -	PA #: 0310240005
USEPA#: IL 0005/09822 E	
Facility Name: CLARK OIL & REFINING CORP	Phone #: 709 39 5 5000
Street Address: 13/00 5 KEDZIE	County: COOK
City: BLY8 154AND	State: /L Zip: 60906
Region: 2 Inspection Date: 3/22/	96 From: 930 AM To: 10:15 PM
Weather: 40°F	
TYPE OF FACILITY	W 1975 THE TAIL OF
Notified As: Re	egulated As: 6
LDF? M HPV? M 90-Day F/U Required?:	YES NO
TYPE OF INSPEC	TON
Chizer Complaint	Closed: Other:
CEI: Sampling: Citizer Complaint:	p to inspection of: 6/23/95Withdrawai:
HON-REGULATED	Other (Specify in Narrative):
SQG: Claimed Nonhandler:	Other (Specify in reduced).
PARTA	A A LANGONIA D
Notification Date: 2 / 12 / 70, from finiti	ia) br (subsequent) Notification.
Initial Pert A Date: 11/18/70	Amended: //
Part A Withdrawal requested: 2 / 18 / 88	Approved by (US)(DEPA: 2 / 18 / 74
PART B PERMIT A	APPLICATION NA
Part 8 Permit Submitted: Y or N /_/	Final Permit Issued://
Control of the Contro	TAFF
ENFORCEME	PA: Y or N//
Has the film been related to	ty State's Attorney: Y or. N/
IIII IQIS PRESITIVY CONTO	
ORDERS ISS	
CACO:/ CAFO:/	/_ Consent Decree://
Federal Court Order:// State Court Order: _	/
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Activity by Process Code On Part No. 100 Prior D. 100 Pri	Server of the contract of the
Activity by Process Code On Per N? LOW Process Code On Per N? LOW Process Code On Per N? LOW Process Code	35 IAC, Sec. 19 19 19
100000	
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	SCREENED
	ADR - 4 1996
	APR - 4 1996
	APR - 4 1996

0310240005 - Cook Clark Oil & Refining Corporation March 22, 1996

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NARRATIVE Prepared by James Haennicke

On March 22, 1996 a follow-up inspection was conducted at Clark Oil & Refining Corporation (CORC) in Blue Island. This inspection was conducted to verify that soil contamination around Tank 51 and the Sludge Tank was remediated. During today's site visit, I met with Facility Environmental Manager Ronald Snook.

The ground contamination under the Sludge Tank has been removed and a concrete wall installed to act as secondary containment for potential spills. A small pooled area of oil contaminated water exists directly adjacent to the concrete wall. It was not ascertained whether or not this material was due to recent excavating activities or is present, in this form, in the groundwater. The liquid be pumped to the wastewater treatment system when construction activities have been completed.

Contamination around Tank 51 is of a continuous nature. Contaminated soils noted during the June 23, 1995 inspection have been remediated, however, piping and pumps used to transport tank contents continue to leak onto surrounding ground media. According to Mr. Snook, tank integrity tests are performed when tanks are out of service. This information was not reviewed during the inspection. The following violation cannot be resolved until an adequate solution is found to address contamination to soils.

OUTSTANDING VIOLATIONS

21(a) of the Act- No person shall cause or allow the open dumping of any waste. Soil contamination exists around Tank 51.

Illinois Environmental Protection Agency Division of Land Pollution Control

USEPA#: IL DOO5.1	09822 IEPA#: 031021002
Facility Name: CLARK OIL & R	REFINING CORP 1000 708 395 3000
	KEDZIE COUNTY: COOK
City: BLUE 156AND	State: 12 219.60906
Region: Insp	pection Date: 6 123195 From: 930 AM To: 1:15 PM
Veather: 90°F	
	TYPE OF FACILITY
Notified As:	Regulated As:
LDF? N HPV? N	90-Day F/U Required?: YES NO
(7% व्य क्षेत्र)	TYPE OF INSPECTION
Compliant	Citizen Complaint: Closed: Other:
	Withdrawal'
CME/O&M: Record Revie	A CONTROL OF THE PROPERTY OF T
	NON-REGULATED STATUS NAT Other (Specify in Narrative):
SQG:Claime	DA 1901 HTC 1800.
	PARTA (authorograph) Notification
	9 1 19 1 90, from (initial) or (subsequent) Notification.
Initial Part A Data: 11/18/	
Part A Withdrawal requested: 2	allow Confession withmens
	PART B PERMIT APPLICATION NA
Part B Permit Submitted: Y or N	//Final Permit Issued://
	ENFORCEMENT NA
Has the firm been referred to -	USEPA: Y or N//
Illinois Attorney General: Y or N	V ee A1
Illinois Attorney General 1 G	ORDERS ISSUED NA
	CAFO: / / Consent Decree:/_/
CACO:	CONTROL OF THE PROPERTY OF THE
Federal Court Order://_	CASSES ALCOHOLOGICAL PLANA STREET, STR
	TSD FACILITY ACTIVITY SUMMARY
	North Prior to His Command Com
Activity by Process Code On Perlan	ACHIMPACK IN THE RESERVE COURSE COURSE DESCRIPTION 35 IAC, Sec. 19 19 19
Process Code of	ALL SEC. 13 TAC, SEC. 13
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	JUL 0 3 1995 PARENED
	JUL 0 3 1995 PRINTED

Clark Oil & Refining Corporation 0310240005 ILD005109822 6-23-95

NARRATIVE

Prepared by James Haennicke

Clark Oil & Refining Corporation (CORC) receives crude oil via pipeline and refines it to produce petroleum related products such as gasoline, naphtha, fuel oils, asphalt, and sulfur. Processes utilized include unifining, platforming, catalytic cracking, hydrocracking, and HF Alkylation.

HAZARDOUS WASTE GENERATED

Wastewater Treatment Residue

0

(")

Dissolved Air Float (DAF) - K048 Float waste material Slop Oil Emulsion Solids- K049 Emulsified oil interface from oil/water separator

API Separator Sludge- K051 Bottoms from API separator Oil/Water/Solids Separation Sludge- F037 Waste solids from centrifugation unit

The above wastestreams are generated separately but combined during removal to create one wastestream. Approx 60 cubic yards generated 2-3 times per year when wastewater treatment unit is cleaned. Waste is shipped to LWD Inc in Calvert City, KY for incineration. No waste is accumulated on-site as it is removed directly from the units and shipped off-site concurrently.

Waste Petroleum Naphtha- D001, D018, D039

- Approx 200 gallons/month generated from 5 parts washers
- Waste is shipped monthly to Safety-Kleen in Dolton, IL for reclamation
- No waste is accumulated on-site

Hazardous Waste Solids- D018, F037, K049, K051

- Waste is generated during the clean out of process and petroleum tanks as needec
- Waste is shipped to LWD Inc in Calvert City, KY for incineration
- No waste is accumulating on-site

Contaminated Soil- U019

- One time generation due to benzene pipe leak
- Waste is shipped to LWD Inc in Calvert City, KY for incineration
- 2- 20 cubic yard roll-off boxes accumulating on-site

Spent Hydrocracking Catalyst- D018

- Generated yearly during routine maintenance of units
- Waste is shipped to LWD Inc in Calvert City, KY for incRECRIVE
- No waste is accumulating on-site

JUL 9 3 1995

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Monoethanolamine- D006, D008, D018

- Approx 5 gallons/month generated in parts washer

- Waste is shipped to Safety-Kleen in Dolton, IL for recycling

- No waste is accumulating on-site

SPECIAL WASTE GENERATED

Spent Catalysts

- Approx 20 cubic yards/month generated during renewal of catalysts

- Waste is shipped to County Environmental Landfill in Pontiac, IL

- Approx 20 cubic yards currently accumulating on-site

Asbestos

- Approx 25 cubic yards/month generated during repairs to buildings

- Waste is shipped to Woodland Landfill in South Elgin, IL

- No waste is accumulating on-site

Petroleum Contaminated Soil

- Approx 100 cubic yards/month generated during site clean-ups

- Waste is shipped to County Environmental Landfill in Pontiac, IL

- Approx 60 cubic yards accumulating on-site

WASTE MINIMIZATION

CORC now centrifuges its wastewater treatment wastes in order to remove more oil and water, thus reducing the amount of hazardous waste to be shipped off-site. The oil and water portion is fed back to the wastewater treatment unit.

NOTES

CORC's Container Storage Unit was closed in 1993. approved the closure and withdrew the Part A permit application in a letter dated February 18, 1994.

Three releases requiring the notification of the National Response Center (NRC) occurred at CORC in 1995. The first involved a March 13, 1995 fire in a building adjacent to the ISOMax Unit. A leak of a gasoline intermediate resulted in the formation of a vapor cloud that found an ignition source and caused a fire to occur. Waste generated was limited to construction debris, including asbestos, due to the fire.

The second release was benzene to the soil due to an underground pipe leak discovered on May 11, 1995. The remediation of the contaminated soil is still underway.

The third release involved a vapor release from the HF Alkylation Unit on May 16, 1995. The release was controlled via water spray which was subsequently directed to the facility's was controlled. treatment system. JUL 0 3 1995

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APPARENT VIOLATIONS

722.111- Waste determinations are needed for the soil contamination to the north and west of Tank 51 and under the Sludge Tank located in the wastewater treatment unit area (See photos 6-8).

21(a) of the Act- No person shall cause or allow the open dumping of any waste. Soil contamination at Tank 51 and Sludge Tank (See photos 6-8).

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JUL 07 1994

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STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY OPEN DUMP INSPECTION REPORT

		IAILIMILIM
County <u>COOK</u>	Site Code <u>0</u> <u>3</u> <u>1</u>	0240003
Location/Name Blue Island	[CLARK OIL & REFINING	Date
Time: From <u>09:30 A m</u>	то: 10:45 а п	Region <u>MAY WOO</u>
Photos Taken: Yes (#3) No (_		3/385 -5000
Inspector(s) HARON (AY)	OR	과 경우 이 100명에 있는 것을 받아요. 살아 보이지 않고 한 경우 하나 이 사람들이 얼굴하면 하는데 없는데 되었다.
Samples Taken: Yes (#) No ()	X) Type	
Interviewed BOB LIANES	Previous Inspe	ection April 13, 1994
기지 않는데 그 이 경기를 내려가 되고 있는데 그 때 그렇게 하지만 하게 되었다. 나는 나를 내용했다. [20] 이 기계를 다 되었다.		

SITE OBSERVATION

	ausing or allowing litter (Section 21(p)(1) of the Act)	1*
	Causing or allowing scavenging operations (Section 21(p)(2) of the Act)	2*
	Causing or allowing open burning (Section 21(p)(3) of the Act)	3*
10	Causing or allowing the deposition of waste in standing or flowing waters (Section 21(p)(4) of the Act)	4*
	Causing or allowing proliferation of disease vectors (Section 21(p)(5) of the Act)	5*
	Causing or allowing the generation of standing or flowing liquid discharge from the open dump site (Section 21(p)(6) of the Act)	6*
	Causing or allowing the operation of an open dump so as to cause or threaten or allow the emissions of contaminants so as to cause or tend to cause air pollution in Illinois (Section 9(a) and 9(c) of the Act)	7
	Causing or allowing the operation of an open dump so as to cause or threaten or allow the discharge of any contaminants so as to cause water pollution in Illinois (Section 12(a) and 12(d) of the Act)	8
	Acceptance of special waste for disposal, storage or treatment from a waste auler that does not have a valid waste hauling permit (Section 809.302(a) of the Regulations)	0

Acceptance of special waste for disposal, storage or treatment from a waste bauler that did not present a signed manifest which designated the receiver's acility as a destination for the special waste (Section 809.302(a) of	
the regulations)	
Causing or allowing the development and/or operation of a solid waste management site without a permit issued by the Agency (Sections 807.201 and 807.202 of the Regulations)	
Causing or allowing the open dumping of any waste (Section 21(a) of the Act) 12	
Conducting any waste-storage, waste-treatment, or waste-disposal operation without a permit granted by the Agency (Section 21(d) of the Act)	
Apparent violation of: PCB (); Circuit Court () Case Number, Order entered on, 1914	
Other	
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<u>INFORMATIONAL NOTES</u>	
 Reference to "Act" herein refer to the Illinois Environmental Protection Act: Ill. Rev. Stat. ch. 111 1/2, par. 1001, et seq. 	
2. Reference to "Regulations" herein refer to the rules and regulations of the Illinois Pollution Control Board: 35 Ill. Adm. Code, Subtitle G.	
 Statutory and regulatory references herein are provided for convenience only and should not be construed as legal conclusions of the Agency or as limiting the Agency' statutory or regulatory powers. 	S
*. Subject to enforcement either by administrative citation under Section 31.1 of the Acor by complaint under Section 31 of the Act.	t
Signature of IEPA Inspector(s)	
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GS:jar/0265r,1-2/sp

031024000 Cook County Clark Oil & Refinery June 6, 1994

NARRATIVE

On June 6, 1994, a follow-up inspection was conducted at the above referenced facility to determine if the violations cited during the April 13, 1994 inspection had been resolved and to find out Clark's reason for refusing to accept the PECL dated May 20, 1994.

Upon arrival at the facility, I met and interviewed Mr. Robert Llanes, of Clark's environmental staff. During the interview Mr. Llanes stated that the clean up of the catalyst had been accomplished by scraping up the first few inches of soil and placing it in a roll off box until the soil analysis results were done. When the results came back the soil was taken to CID landfill for disposal. Llanes stated that PECL was inadvertly refused due to a mix-up. The front gate guards who are responsible for accepting the mail thought that the certified letter had postage due on it and so they refused to accept it. The front gate personnel have now been given strict instructions not to refuse any mail that comes.

During the inspection, I observed that all of the material that had been dumped was removed. Llanes provided copies of the manifest and waste analysis (see attachments).

APPARENT VIOLATIONS

At the time of inspection, no apparent violations were observed and the facility may be returned to compliance.

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LEASE TYPE (Form designed for take on ellie (12-plich) typewriter.)	EPA Form 8700-22	- 12 to 12 Fig. 1-4-1-15 - 15 - 15 15	Form Approved	OMB No. 2050-	0039. Expires 9-30-9
LINIEORM JESSANDOUS 1. Generator's US EI WASTE MANIFEST ILD 005 14	有別 かっとしょぼうりつ節偽権 2■	Manifest Document No.	2. Page 1	required by Fed	ne shaded areas is not eral law, but is required
WASTE MANIFEST ILD 005 14 3. Generator's Name and Mailing Address Location If			元年 一日 以外支援を	by Minois law.	part) (ming) in a
Clark Refining & Marketing, Inc.					
131st Street & Nedzie Ave. Blue	Island, IL (60406			
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS*7 5. Transporter 1 Company Name 6.	US EPA ID Numb				
Independent Waste Systems, Inc. 7. Transporter 2 Company Name 8.	US EPA ID Numb				
	US EFA ID NUME	ЭСІ			
9. Designated Facility Name and Site Address 10. CID Landfill	US EPA ID Numb	per			
138th St. & Calumet Expressway					
Calumet City, IL 80409					
11. US DOT Description (Including Proper Shipping Name, Hazard Co.	lass, and ID Number)	12. Conta	_ 17	I3. 14. otal Unit antity Wt/Vo	
a. Non Hazardous By DOT, Sulfur, Cat	talvete		3,723	and the same	
Sand, Clay & Oil	Larysto	001	CM .00	0012 Y	
b. 3 4		77.		· · · · · · · · · · · · · · · · · · ·	
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15. Special Handling Instructions and Additional Information		Jan kalipat memali	44 44 44 14 14 14 14 14 14 14 14 14 14 1		
Emergency-Telephone Number (708)	385-5000				
If underiverable, return to gene	•		O. Numb	er: #	835194
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of proper shipping name and are classified, packed, marked, and labeled, and	of this consignment are fu	illy and accurate	ly described ab	ove by	42
according to applicable international and national government regulations.					m data
If I am a large quantity generator, I certify that I have a program in place economically practicable and that I have selected the practicable method future threat to human health and the environment; OR, if I am a small qu	of treatment, storage, or	disposal current	tly available to i	ne which minimiz	es the present and
the best waste management method that is available to me and that I can a	afford.	iaue a yooo fatt	ir enuit to minir	nize niy waste ge	Date
Printed/Typed Name	Signature	1 7	1		Month Day Year
Robert Llanes	17 may	71	and	~	5 /12/94
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature				Date Month Day Year
Jim PENILLA	man Pe	millo		·	Clistal
18. Transporter 2 Acknowledgement of Receipt of Materials					Daye
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature				Month Day Year
19. Discrepancy Indication Space					
		•			
20. Facility Owner or Operator: Certification of receipt of hazandous n	naterials covered by the Signature	is manifest ex	cept as noted	in item 19.	Date Month Day Year
Y Printed/Typed Name	Signature series	e de la companya de La companya de la co			Month Day Year
This Agency is authorized to require numerant to illinois Revised Statute 1989. Charter 111.1/	1			<u> </u>	



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue Morton Grove, Illinois 60053-3203 708/967-6566 FAX: 708/967-6735

LABORATORY REPORT

95460-A

Clark Oil Corporation 131st & Kedzie Avenue Blue Island, IL 60406

> Report Date: 5/2/94 Sample Received: 4/25/94

Sample Description: Soil Grab, 20B

Sample No.: 79729

	Concent	ration		Method	
	Found	In	Adjusted	Detection	Regulatory
<u>Compounds</u>	Sample	<u>Blank</u>	Concentration	Limit (MDL)	Limit
1. Benzene	<0.25	<0.01	<0.25	0.01	0.50
2. Carbon Tetrachloride	<0.25	<0.01	<0.25	0.01	0.50
Chlorobenzene	<50.0	<0.01	<50.0	0.01	100.00
4. Chloroform	<3.0	<0.01	<3.0	0.01	6.00
5. o-Cresol	<100.0	<0.01	<100.0	0.01	200.00
6. m-Cresol	<100.0	<0.01	<100.0	0.01	200.00
7. p-Cresol	<100.0	<0.01	<100.0	0.01	200.00
Total Cresol	<100.0	<0.01	<100.0	0.01	200.00
				_	
8. 1,4-Dichlorobenzene	<3.75	<0.01	<3.75	0.01	7.50
9. 1,2-Dichloroethane	<0.25	<0.01	<0.25	0.01	0.50
10. 1.1-Dichloroethene	<0.35	<0.01	<0.35	0.01	0.700
11. 2,4-Dinitrotoluene	<0.07	<0.01	<0.07	0.01	0.13
13 Howard Lambana	-0.07	40.01	-0.07		0.40
12. Hexachlorobenzene	<0.07	<0.01	<0.07	0.01	0.13
13. Hexachloro-1,3 -butadiene	<0.25	<0.01	<0.25	0.01	0.50
14. Hexachloroethane	<1.50	<0.01	<1.50	0.01	2.00
15. Methyl Ethyl Ketone	<100.0	<0.01	<100.0		3.00
13. Methyl Ethyl Retone	<100.0	<0.01	<100.0	0.01	200.00
16. Nitrobenzene	<1.00	<0.01	<1.00	0.01	2.00
17. Pentachlorophenol	<50.00	<0.01	<50.0	0.01	100.00
18. Pyridine	<2.50	<0.01	<2.50	0.01	5.00
19. Tetrachloroethylene	<0.35	<0.01	<0.35	0.01	0.70
,					
20. Trichloroethylene	<0.25	<0.01	<0.25	0.01	0.50
21. 2,4,5-Trichloropheno	i<200.00	<0.01	<200.00	0.01	400.00
22. 2,4,6-Trichloropheno		<0.01	<1.00	0.01	2.00
23. Vinyl Chloride	<0.10	<0.01	<0.10	0.01	0.20

All results expressed as ppm unless otherwise indicated.
Methods performed according to SW-846, "Test methods for Evaluating Solid Waste".

Analysis performed on Extract from TCLP.

Les E. Zelw



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue Morton Grove, Illinois 60053-3203 708/967-6566 FAX: 708/967-6735

BORATORY REPORT

95460

Clark Oil Corporation 131st & Kedzie Avenue Blue Island, IL 60406

Report Date: 4/29/94 Sample Received: 4/25/94

Sample Description: Soil Grab, 20B

Sample No.: 79729 21 th Watelow

>180°F. Open Cup Flash Point <5.0 Reactive Cyanide <5.0 Reactive Sulfide 7.9 (units) pH (10% Solution)

Analysis Performed On Extract From TCLP

Arsenic	<0.2
Barium	0.44
Cadmium	<0.02
Chromium	<0.1
Lead	<0.1
Mercury	<0.01
Selenium	<0.2
Silver	<0.2

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846. "Test Methods for Evaluating Solid Waste".

LABORATORY DIRECTOR

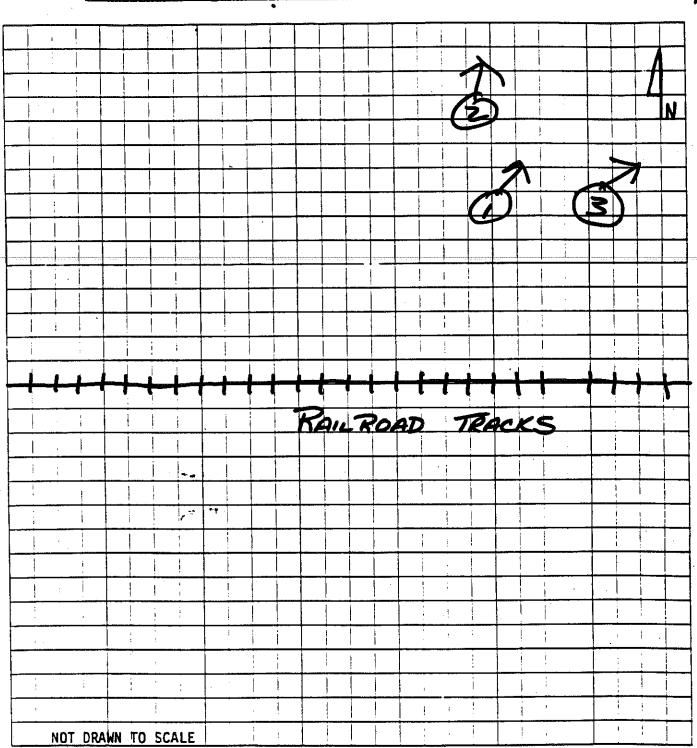


STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SITE SKETCH

Date of Inspection: 6/6/94	Inspector: HARON JAYLOR
Site Code: 03 / 02 4 000 3	County: Cook

Site Name: CLARK OIL & REFINING Time: 9:30 - 10:45



//linois Environmental Protection Agency Division of Land Pollution Control

EPA #: IL DOOS 109822 IEPA #: 0310240005
Facility Name: CLARK OIL & REFINING Phone #: 768 385-9370
Street Address: 13/6+ & KD12E County: COOK
City: BLUE Island State: IL Zip: 60406
Region: MAYWOOD i Inspection Date: 4/13/94 From: 10:39am To: 11:39am
Weather: SL CLDY ADPROX 45°F
TYPE OF FACILITY
Notified As: Regulated As: Reg
LDF? NO 90-Day F/U Required?: YES NO
TYPE OF INSPECTION
CEI: Sampting: Citizen Complaint: Closed: Other:
CME/O&M: Record Review: Follow-Up to Inspection of: Withdrawal:
NON-REGULATED STATUS N/A
SQG: Claimed Nonhandler: Other (Specify in Narrative):
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Notification Date: 8 / 18 / 80, from (initial) or (subsequent) Notification.
Initial Part A Date: 2 / 18 / 28 Amended: / /
art A Withdrawai requested: <u>Q / 18 / 88</u> Approved by (US)(IL) EPA:/
PART 8 PERMIT APPLICATION
Part 8 Permit Submitted or N 5/6/88 Final Permit Issued://
ENFORCEMENT N/A
Has the firm been referred to - USEPA: Y or N//
Illinois Attorney General: Y or N/ / County State's Attorney: Y or N//
ORDERS ISSUED N/A
CACO://
Federal Court Order:// State Court Order:// IPCB Order://
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The original copy of this document is contained in the withheld package.

WITHHELD DOCUMENT

FILE CATEGORY fos

DOCUMENT DATE 3/36/94

IL 532 2256 LPC 364 Aug-93

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Illinois Environmental Protection Agency Division of Land Pollution Control

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O310240005/COOK CLARK OIL & REFINING ILD005109822

NARRATIVE

On December 6, 1993, I conducted a Closure Verification Inspection at the above referenced facility to determine if the site had been close in accordance with the closure plan submitted to the Agency 12/23/93.

Upon arrival at the site, I met and interviewed Mr. Stafford Jacques, Clark's Assistant Director of Environmental Control, who stated that during the clean up no hazrdous material was generated, therefore no manifest were used. Once the soil samples came back clean, the soil that had been removed from the former SO1 unit was disposed of with the general refuse. The decontamination waters were also held pending the return of lab results and then disposed of in Clark's permitted wastewater pretreatment system.

During the inspection of the S01 unit, I observed that there was no waste stored in the unit and the flags indicating the places where the soil borings were taken for sampling were still in place.

Based on this inspection, it appears that Clark Oil has closed it's S01 facility in accordance with the closure plan approved by the agency.

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JAN 1 1 1994
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0310240005/COOK COUNTY CLARK OIL & REFINING ILD005109822 12/6/93

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NON-HAZARDOUS WASTE GENERATED

Sulfur Catalyst, Sand, Clay, and Oil- generated from the cleanup of spills. Sent to CID landfill for disposal.

HAZARDOUS WASTE PROCESS UNIT

S01-Container storage unit also had a closure verification inspection done at the time of this inspection. There were no containers stored in the area. The flags indicating the places were the soil borings were taken were still in place. No hazdous waste was generated during the cleanup, therefore, no manifests were used. Clark Oil appears to have closed the S01 unit in accordance with the closure plan approved by the agency. No apparent violations were observed during the inspection.

NOTE: Camera malfuctioned during inspection and only the photo of the waster treatment tanks was able to be processed by the photo lab.

Illinois Environmental Protection Agency

IL 532-1834

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DIVISION OF	Land Pollutio	n Control	And the second	H	CHA INSPEC	HOIT	REP	ORT
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* All "NO" responses must be explained in narrative.

IL 532-1836 LPC - 336 (12/89) Page 3

Clark Oil & Refining Corporation 0310240005

NARRATIVE

Clark Oil receives crude oil via pipeline, refines it, and produces petroleum-related products: gasoline, #2 & #6 fuel oils, liquefied petroleum gas, asphalt, and sulfur.

HAZARDOUS WASTES GENTERATED

Dissolved air flotation (DAF) float- KO48- Redisual material from wastewater treatment.

Slop oil emulsion solids- KO49- Emulsified oil interface from oil/water separator.

Heat exchanger bundle cleaning- K050- Residual material from cleaning heat exchangers.

API separator sludge- KO51- Bottoms from API separator.

* Although the above 4 wastestreams are generated separately, all are combined and interconnected within the wastewater treatment unit. Approximately 10,000 gallons/month generated and shipped to Pollution Control Industries- East Chicago, IN or Avganics- Terrehaute, IN for fuel blending. Waste never accumulated on-site as it is removed directly from the process unit and shipped off-site immediately.

Waste petroleum naphtha- D001,18,39- Safety-Kleen parts washer. Twelve gallons/month generated. Manifested to Safety-Kleen in Mokena, IL.

1,1,1-trichloroethane- F002- Used as a degreaser in the electrical and machine shops. Approximately 1 drum generated every 3 months. Mixed with K wastes and fuel blended. Waste never accumulated since it is used in the shops up until the time it is mixed with the K wastes.

Benzene contaminated soil- U019- Leak from barge hose (product of adjacent company). One time ocurrence. Manifested to Peoria Disposal in Peoria, IL. None on-site.

NON-HAZARDOUS WASTE GENERATED

Sulfur catalyst, sand, clay, oil- Generated from clean-up of spilled asphalt, etc. Shipped to CID Landfill in Calumet City, IL. None on-site.

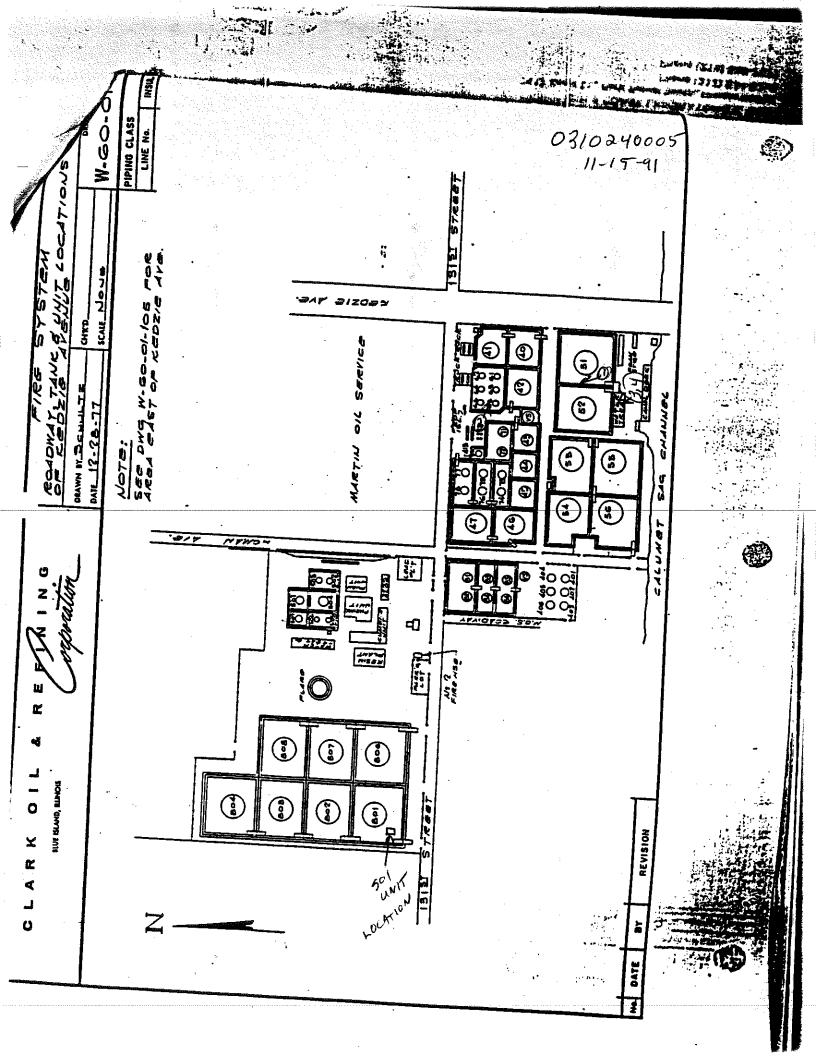
Clark Oil & Refining Corporation 0310240005 11-15-91

HAZARDOUS WASTE PROCESS UNIT

SO1- Container storage area. Located on the western end of the site's property adjacent to tank 801. Outdoor unit with soil base covered with gravel. No waste currently stored in this area. Closure plan submitted and received by the Agency on 10-30-91.

This facility is currently operating as a fully regulated generator.

No violations observed during this inspection.



Illino: Environmental Protection Agency Division of Land Pollution Contro!

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Clark Oil & Refining Corporation 0310240005 11-15-91

HAZARDOUS WASTE PROCESS UNIT

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This facility is currently operating as a fully regulated generator.

No violations observed during this inspection.

Illinois Environmental Protection Agency Division of Land Pollution Control

INSPECTION REPORT

IEPA/DLPC

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SUMMARY OF APPARENT VIOLATIONS

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State Mo Zip 63105	State IL	Zip (,uc ,
Phone # 34 / 854-9696	PL //	Zip 60406
PERSON(S) INTERVIEWED	708/385-	PHONE #
Stafford Jacques	Ass(D) (5	
Ronald Snook	Asst Dir. of Env. Contra	1 708/385-500
TROME STOOK	Envir. Specialist	108/385-5000
INSPECTION PARTICIPANT(S)	AGENCY/TITLE	PHONE #
John Maher	IEPA/EPS	708/531-5900
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PREPARED BY	AGENCY/TITLE	PHONE #
John Mater		
	JEPA/EPS	103/531-5900
		
Alea Class Section	Ness Section Ness	Charaction
1AN 2-722.120 (a)		

MAN	<u>/</u> 0	Section
MAN	2	722.120 (a)
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Pie	٠ (٢	1859	<u> </u>	ection	

Disposition Last Manifested Shipment Seneration Seneration Rate of Maste Disposition Form Anount on Site 1990 | 1989 | 1988 On Annual Report for: USEPA On On Haz. 8700- 3510-Haste 12 3 Pate Cast Analy-Concrating Process Facility Name ark Dil # Refining Corp.
USEPA N: 05109822
IEPA N: 0310240005 Maste Name

						gas ist	en francisco de la composición de la c
	Avganics in TerreHaute, IN for reclamation,	Avganics in TerreHaute, IN for reclamation,	Shipped w/ Avganics in TerreHaute, IN other K-for reclamation. wastes	Avganics in TerreHaute, IN for reclamation,	Not Safety-Kleen picks up the Manifested solvent periodically for reclamation.	Safetr-Kleen in Dolton, 1L for reclamation,	
	12/20/90	11/1/89	Shipped w/ other K- wastes	10/25/89	Not Manifested	10/10/90	
	VARIES	VARIES	VARIES	YARIES	Approx. 50 gallons per month	VARIES	
	NONE	NONE	NDNE	NONE	NONE	NONE	
S	ده	. ច	G	S .	ON	ON .	
HAZARDOUS WASTES	<u>.</u>	.	ယ	<u>.</u>	ON	ON .	
ARDOUS	ڻ ن	C	£ .	9	DN	YES	·
EP.	YES	YES	YES	YES		N/A- Not Stored	
	YES	YES	YES	YES		N/A	
	K048	K049	K050	K051	0001	F001	
	10/17/90 KO48	Included M/above	inc luded KO50 w/ above	5/13/88	No analysis	No analysis	
	Residual from waste- water treatment for waste oil recovery	Emulsified oil interface Included KO49 from oil/water separator w/ above	Residual from cleaning of heat exchangers	Separator Sludge Bottoms from API Separator	Solvent parts washer	Dip tanks in electric shop and garage	
	Dissolved Air Flotation Float	Slop Dit Emulsion Solids	Heat Exchanger Bundle Cleaning Sludge	Separator Sludge	Mineral Spirits	1,1,1 Trichloro- ethylene	
	Disse Flote	Slop	Heat Bundl Sludg	API S	Miner	1,1,1 ethyl	

		0.11.80		CID Landfill in Calumet Citr. Illinois for land disposal.	Cri-Met in Latarette, LA for regeneration of the catalysts. (See narrative,)	CID Landfill in Calumet City, Illinois for land disposal,	CID Landfill in Calumet Citr, Illinois for land disposal.	
		Lost Manifested Shipmont		10/31/89	Not Manifested			
60 E		Rate of Generation		VARIES	YARIES	INFREQUENT	INFREQUENT	
Haste Disposition Form		Asount on Sits		15 cubic rards	ć	NONE	NONE	
3	Report	1988	STES	N/A	N/A	N/A	N/A	
		1989	JUS MA	N/A	N/A	N/N	N/A	
	On Annual for	1990	NON-HAZARDOUS WASTES	N/A	N/A	N/A	N/A	
		0a 3510- 3	NON-1	N/A	N/A	N/A	N/A	·
		0a 8700- 12		N/A	N/A	₩/₽	N/A	
		USEPA Haz. Maste		NON- HAZ.	NON- HAZ,	NON- HAZ,	NON- HAZ.	
	Da t e	Last Analy-		9/24/90	12/18/90	3/21/81	9/23/85	
ark Dil & Refining Corp.)05109822 10240005		Generating Process		From clean-up of spilled asphalt, etc.	Spent catairsts from the production of gasoline	From cleaning of cooling towers	Residual sulfur from cleaning pits or vessels	
Facility Name ark Dill USEPA #:)051098 IEPA #: 0310240005		Haste Name		Sulfur Catalyst, Sand, Clay # Dil	Various Catalrsts	Cooling Tower Basin Sludge	Scrap Sulfur	

Clark Oil & Refining Corp. 0310240005 February 1, 1991

NARRATIVE

Clark Oil & Refining Corp. has changed little since the last inspection (November 16, 1989), though there are some additions due to discovery of some regulated activities.

Clark Oil & Refining Corp. receives crude oil via pipeline, refines it, and produces many petroleum-related products such as gasoline, liquefied petroleum gas, asphalt, and different types of fuel oil. Some these products are stored temporarily on-site. These products are later loaded onto trucks at a nearby terminal for local distribution. Barges are also loaded with product at a dock on the river on the south end of the property. Some products are piped directly to one of several terminals for distribution.

Hazardous Wastes

- 1. Dissolved Air Flotation (DAF) float
 - K048.
 - residual material from wastewater treatment (waste oil recovery.).
 - shipped with other K-wastes to Avganics in Terrehaute, IN for fuel blending..
 - a shipment is made when it is determined that the DAF unit should be emptied of residual material.
 - this waste is never accumulated on site.
- 2. Slop Oil Emulsion Solids
 - K049
 - emulsified oil interface from oil water separator.
 - shipped with other K-wastes to Avganics in Terrehaute, IN for fuel blending.
 - a shipment is made about every three to four months.
 - this waste is never accumulated on site.
- 3. Heat Exchanger Bundle Cleaning Sludge
 - K050
 - residual material from cleaning of heat exchangers
 - shipped with other K-wastes to Avganics in Terrehaute, IN for fuel blending.
 - this waste is never accumulated on site.
- 4. API Separator Sludge
 - K051
 - bottoms from API separator
 - no longer sent to Pollution Control Industries of America. Shipped with other K-wastes to Avganics in Terrehaute, IN for fuel blending.
 - this waste is never accumulated on site.

Clark Oil & Refining Corp. 0310240005 February 1, 1991

5. Mineral Spirits

- D001
- generated from a Safety-Kleen parts cleaner.
- Safety-Kleen changes the solvent container for the parts cleaner approximately once a month.
- it was not previously manifested, but the site will be manifesting it in the future.
- this waste is never accumulated on site.

6. 1,1,1 Trichloroethane

- F001
- degreasing parts in the maintenance shop.
- Safety-Kleen picks this waste up when the solvent in the parts cleaner is spent.
- it is sent to Safety-Kleen in Dolton, IL for reclamation.
- this waste is not accumulated, since it is only picked up when the parts cleaner solvent is considered spent.

Non-Hazardous Wastes

- 1. Sulfur catalyst, sand, clay and oil
 - generated from clean-up of spilled asphalt, etc.
 - shipped to CID in Calumet City, IL for land disposal.
 - a shipment is made when economically feasible (i.e., they have enough waste to warrant a shipment).
 - approximately 30 cubic yards on site.

2. Various Spent Catalysts

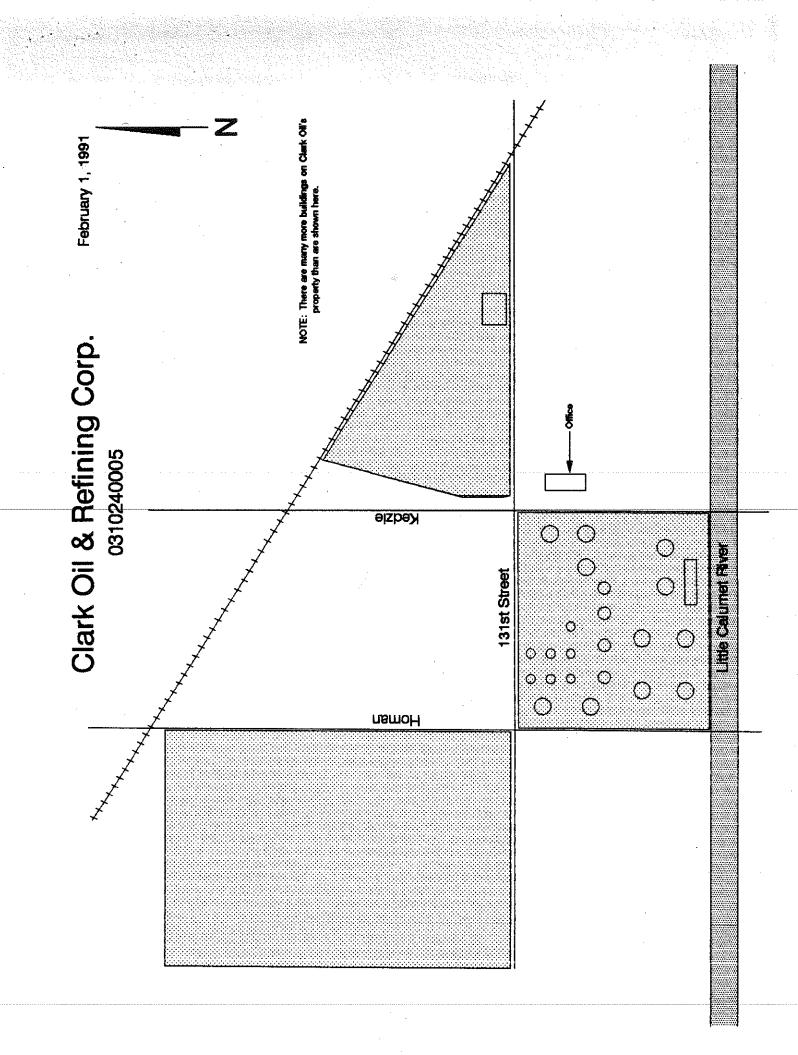
- generated in the production of gasoline.
- shipped to Cri-Met in Lafayette, LA for recycling/recovery. This material is not manifested. The site does not consider this material waste since 1) it is very expensive and therefore must be reused, 2) they send it to be regenerated (not disposed) and the same material sent to Cri-Met is sent back to Clark Oil and 3) they have their employees follow the shipment to Cri-Met and back to insure that they receive their own catalysts.

<u>Hazardous Waste Process Units</u>

- S01 Container Storage Area
 - located on the western end of the site's property
 - outdoor unit, no building
 - soil base covered with gravel
 - no waste currently stored in this area

At the time of the inspection the following apparent violation was observed:

722.120(a) - Failure to manifest the waste mineral spirits.





STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SITE SKETCH

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5HR-12

Mr. John Bernbom Clark Oil & Refining Corporation 131st Street & Kedzie Avenue Blue Island, Illinois 60406

> Re: Land Disposal Restrictions Clark Oil & Refining Corp.

ILD 005 109 822

Dear Mr. Bernbom:

On November 16, 1989, the Illinois Environmental Protection Agency (IEPA), representing the U.S. Environmental Protection Agency, conducted a Resource Conservation and Recovery Act (RCRA) inspection of the abovereferenced facility. The purpose of the inspection was to determine the facility's compliance with the applicable hazardous waste management requirements of RCRA, including the Federal land disposal restrictions. The land disposal restrictions for F001-F005 spent solvents and dioxincontaining wastes became effective on November 8, 1986, for California List hazardous wastes on July 8, 1987, for the Second Third of hazardous wastes on August 8, 1988, and for the Second Third of hazardous wastes on June 8, 1989 (40 CFR Part 268 and revisions to 40 CFR Parts 260-265 and 270-271).

With respect to the land disposal restrictions section of the inspection, your facility was found to be in compliance with the requirements. A copy of the inspection report is enclosed for your records.

If you have any questions regarding this correspondence, please contact Ms. Zetta Thomas of my staff at (312) 886-4581.

Sincerely yours,

Paul E. Dimock, Chief IL/MI/WI Enforcement Program Section

Enclosure

cc: Harry Chappel, IEPA-CMS Glenn Savage, IEPA-FOS

bcc: Zetta L. Thomas

Z.Thomas:ev:12/26/89:Disk #3:PC FILENAME:bernbom

RCRA RES REB REB ENFORGE-CHIEF MENT INIT. DATE

RCRA LAND DISPOSAL RESTRICTION INSPECTION

	Facility:	LARK OIL *	NEHIVING (ORP.	
	U.S. EPA I.D		5 109 822		240005
	Street: _	131ST STREET	AND KEDZ	LIE AVENUE	
E 1 V E	5 Ecity R	WE KLAND .			de: <u>60406</u>
5 1989	Telephone:	(708) 385	-5000		
	Qperator:	LARK OIL 97	BEFINING CO	DRP.	
	Street:	31ST STREET	AND KEDZIE	AVENUE	
	Se City: BL	(708) 385 LARK OIL 9 R 131 ST STREET DE SLAND SI (708) 385-	ate: LLIN	Zip Co	de: 60406
	Telephone:	(708) 385-	5000		
	Owner:	CLARK OIL & T	REFINING CO	RP.	
	Street: <u>§</u>	182 MARYLAN	UD LEDETAG		
	City: ST.	LOUIS St	ate: MISSOL	JRI Zip Coo	ie: <u>43/05</u>
	Telephone:	(314) 85	4-9696		
	Inspection Da	te: 11/1/2/80 T: 0	100 10 -		0.0
		te. <u>11/10/8/</u> Time: <u>1</u>	Ochm- Id: 15pm Wea	ther Conditions:	80
	W.	Name	Affiliation	ther Conditions: <u>&</u>	
	Inspectors:	25	<u>Affiliation</u>	Telepho	ne
	NZ	Name DONNA CZE	Affiliation	<u>Telepho</u> (*708)	ne 345-9780
	NZ	Name DONNA CZE	<u>Affiliation</u>	<u>Telepho</u> (1708)	345-9780 385-5000
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INSPECTION SUMMARY

FOR FACILITY BACKGROUND, SEE RORA NARRATIVE

AT THE TIME OF THE INSPECTION, THIS COMPANY APPEARED TO BE OPERATING IN COMPCIANCE WITH LAND DISPOSAL RESTRICTION REGULATIONS.

O310240005 - Cook County Blue Island/Clark Oil & Refining Corp. ILD005109822

Narrative

Clark Oil and Refining Corp. receives crude oil via pipeline, refines it, and produces many petroleum-related products such as gasoline, liquefied petroleum gas, asphalt, and different types of fuel oil. Some of these products are stored temporarily on-site. These products are later loaded onto trucks at a nearby terminal for local distribution. Barges are also loaded with product at a dock on the river on the south end of the property. Some products are piped directly to one of several terminals for distribution.

Hazardous Wastes

- 1. Dissolved air flotation (DAF) float (KO48)
 - -residual material from wastewater treatment for waste oil recovery
 - -rate of generation varies
 - -shipped with other K-wastes
 - -a shipment is made when it is determined that the DAF unit should be emptied of residual material

Storage

- -no waste was on site
- 2. Slop oil emulsion solids (KO49)
 - -emulsified oil interface from oil water separator
 - -rate of generation varies
 - -shipped to EWR, Inc. in Coal City, Illingis for fuel blending
 - -a shipment is made about every three to (four months)
 - -no waste was on site
- Heat exchanger bundle cleaning sludge (K050)
 - -residual material from cleaning of heat exchangers
 - -rate of generation varies
 - -shipped with other K-wastes
 - -a shipment is made when it is determined that heat exchangers should be emptied of residual material
 - -no waste was on site
- 4. API separator sludge (KO51)
 - -bottoms from API separator
 - -rate of generation varies
 - -shipped to Pollution Control Industries in East Chicago, Indiana for fuel blending
 - -a shipment is made when it is determined that the API separator should be emptied of residual material
 - -no waste was on site

Non-Hazardous Wastes

- 1. Sulfur catalyst, sand, clay and oil
 - -generated from clean-up of spilled asphalt, etc.
 - -rate of generation varies
 - -shipped to CID in Calumet City for land disposal
 - -a shipment is made when economically feasible
 - -approximately six cubic yards were on site in three roll-off boxes
- 2. Various spent catalysts
 - -generated in the production of gasoline
 - -rate of generation varies
 - -shipped to Cri-Met in Lafayette, Louisiana for recycling/recovery
 - -a shipment is made when economically feasible
 - -96 drums were on site
- 3. Cooling tower basin sludges
 - -generated from cleaning of cooling towers
 - -generation is periodic cooling towers must be shut down completely
 - in order to clean them
 - -shipped to CID in Calumet City for land disposal
 - -a shipment is made when economically feasible
 - -no waste was on site
- 4. Scrap sulfur
 - -residual material from cleaning of pits and vessels
 - -generation is periodic affected units must be shut down completely in order to clean them
 - -shipped to CID in Calumet City for land disposal
 - -a shipment is made when economically feasible
 - -no waste was on site

Hazardous Waste Units

- SO1 Container Storage Area
 - -located on western end of property
 - -outside, open area
 - -soil base, covered with gravel
 - -no waste in this area

Notes

The Part A application which was originally submitted by Clark Oil & Refining Corp. includes SOl, SO2, TOl, and TO4 for hazardous waste activity. As explained in the previous inspection report (12/22/87), the latter three activities have never occurred at this site. The regulated SOl unit is the result of inadvertent accumulation of a roll-off box containing a listed hazardous waste for longer than 90 days. Because the Agency considers the SOl unit to be RCRA-regulated, a closure plan for this unit is required.

The hazardous wastes generated by Clark Oil are not accumulated in containers or tanks. Periodically it is determined that various process units should be emptied of residual material. When the company is ready to dispose of this waste material, a transporter removes the waste directly from the process unit and loads it into a truck. Because hazardous waste is not accumulated on-site, Clark Oil is not subject to Section 722.134.

At the time of the inspection, Clark Oil & Refining Corp. was operating as a fully regulated generator. Representatives of Clark Oil expressed a desire to change the company's status from that of a storage facility to a generator only. The company's Part A permit can be withdrawn after the container storage area has been certified closed according to an Agency approved closure plan.

Apparent Violations

- 725.212(a) No closure plan available for the regulated container storage area.
- 725.242(a) No closure cost estimate available for the regulated container storage area.

DC:dfa:1261D

RCRA LAND DISPOSAL RESTRICTION INSPECTION APPLICABILITY CHECKLIST

Does the facility handle the following wastes?

				Gen.	Treat	Store	Disp.	Trans.
A.	F-So	lvent Wastes	NONE	GENERATE			•	- 1 - 1 - 1 - 1
	1.	F001		-				
	2.	F002						
,	3.	F003				45 Мания (СССС)	AND THE PERSON NAMED IN	***************************************
•	4.	F004						
:	5.	F005			· · · · · · · · · · · · · · · · · · ·			
		Note: Uso mis	e Appendi sclassifyin	x A to deteri	mine wher	ther the fac	ility is	

B. California List Wastes NONE GENERATED

 Liquid hazardous waste (including free liquids associated with any solid or sludge) that contains the following metals at concentrations greater than or equal to those specified

	Gen.	Treat	Store	Disp.	Trans.
Arsenic	500 mg/L				
Cadmium	100 mg/L				
Chromium VI	500 mg/L		 		***************************************
Lead	500 mg/L				
Mercury	20 mg/L				
Nickel	134 mg/I				**************************************
Selenium	_		-	- Piles	
Thallium	100 mg/L				
r maili Will	130 mg/L				

2.	Liquid hazardous waste any solid or sludge) tha concentrations greater t	il Containe i	TEE CUBBIA	40 04	ed with	
		Gen.	Treat	Store	Disp.	Trans.
3.	Liquid hazardous waste	that has a	pH of less	than or eq	ual to 2.0	
4.	than or equal to	m	ns PCBs at	concentra	tions greate	r ——
		om				
	Does the facility m contains PCBs with	other type	azardous w s of wastes	aste that ?		
					·- -	
5.	Hazardous waste that con (liquids) or 1,000 mg/kg	ntains HOC				
	Note (1): The prohibition waste is also subject to the specific HOC. Note (2): The effective of greater than or equal to 18, 1987; the effective date or equal to 10,000 mg/L a 1,000 mg/kg is November	late of regu ,000 mg/L e for liquid	lation for land less the	liquid was	part C for a tes with HC mg/L was Ju	a OCs uly

First Third Wastes C.

Note: (1)

The detailed description for waste codes are listed in Appendix C. EPA has promulgated the treatment standards for the following waste code with *. (2)

	Gen.	Treat	C4 -	*** 4	
F006°	Julia.	ireat	Store	Disp.	Trans.
F007	400	-		**************************************	
F008	-	***************************************	-		
F009	-				
F019		***************************************			-
K001°	——————————————————————————————————————	<u> </u>		-	
K004*		***************************************	-		-
K008*	-				
K011					
K013					
K014	***************************************	4			
K015*	-				
K016*					
K017					
K018*					4
K019*					
K020*		<u> </u>			
K021*					
K022*			***************************************		
K024*					
K025*		<u></u>		-	
K030°					
K031	" 		***************************************		
K035		· · · · · · · · · · · · · · · · · · ·			
K036*		-		(220) ()	<u></u>
K037*					
K044*					
K045*	and the state of t	-	<u></u>		
K046*	——————————————————————————————————————			-	
	5			Revised	9-26-88

	Gen.	Treat	Store	Disp.	Trans.
K047*					
K048*		**************************************	<u> </u>	***************************************	
K049*	<u> </u>	**************************************		***************************************	-
K050*	1/				
K051°	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	***************************************	Control of the Contro	· · · · · · · · · · · · · · · · · · ·	
K052*	·	 		-	4
K060°	-	<u></u>			
K061*				-	<u>,, , , , , , , , , , , , , , , , , , ,</u>
K062*					
K069*			,		
K071°					
K073*					
K083*		-	***************************************	-	
K084		<u>====</u>			······
K085					
K086*					
K087°			-	************	
K099*					-
K100°					
K101*	-				
K102*		-			
K103°					
K104*	***************************************				
K106*	-		-		
P001			-		
P004			***************************************		
P005	-				
P010					
P011			-		
P012			——		
P015	-				
P016				, vo	**********
2018					
· VIG					

	Gen.	Treat	Store	Disp.	Trans.
P020					
P030	and the same of th	<u> </u>	- · · · · · · · · · · · · · · · · · · ·		
P036			e general e general		40
P037					
P039		4000	(C)		
P041	· ************************************		<u> </u>	-	
P048					······································
P050		-	-		
P058		-	-		
P059					
P063	-				
P068	***************************************				
P069			·		
P070			· · · · · · · · · · · · · · · · · · ·		
P071					***
P081					
P082					
P084					
P087				-	
P089					
P092	***************************************				
P094					
P097	-				
P102					
P105				****	
P108			-	-	
P110					
P115					
P120			-		
P122	-				
P123					
U007					
U009					
- UU3	AND STREET				

	Gen.	Treat	Store	Disp.	Trans.
U010					
U012	- Children and the control of the co	**************************************			
U016	- Colombia	#			
U018	***************************************	***********			
U019					
U022	1 manufactures				***
U029	And the second s				
U031		***************************************			
U036	-		-		
U037					· · · · · · · · · · · · · · · · · · ·
U041					<u> </u>
U043			<u> </u>		
U044				-	
U046				· · · · · · · · · · · · · · · · · · ·	
U050					
U05 1					<u></u>
U053	William Control of the Control of th				
U061		-		***************************************	
U063					
U064				-	
U066	-				
U067					
U074		***************************************	-		
U077			-		-
U078					
U086					
U089	-				
U103				***	
U105					
U108	***************************************	***************************************			
U115	and the state of t		*		
U122				-	
U124	-				
- * = '	4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		-		***

					APP
	Gen.	Treat	Store	Disp.	Trans.
U129					
U130	A CONTRACTOR OF THE PROPERTY O	· · · · · · · · · · · · · · · · · · ·		4000	-
U133			**************************************		ecrea
U134		-	***************************************		
U137			-	<u> </u>	<u> </u>
U151			**************************************		
U154		*************************************	<u> </u>		
U155			-		-
U157	All (Commonweal Confession Confes	*************			***************************************
U158	At an analysis of the second	*			
U159			***************************************	***************************************	
U171					
U177		400			
U180			• · · · · · · · · · · · · · · · · · · ·		
U185					
U188					
U192					
U200					
U209					
U210					
U211					
U219					
U220				<u>-</u>	
U221		***************************************		***************************************	
U223 U226	***				-
	-				
U227			***************************************	**********	
U228					
U237					
U238					
U248				***************************************	***************************************
U249					

RCRA LAND DISPOSAL RESTRICTION INSPECTION

GENERATOR CHECKLIST

GENERATOR REQUIREMENTS

•	<u>BD</u>	AT	Treatability Group - Treatment Standards Identification		
	i.	F-lap	Solvent Wastes: Does the generator correctly determine the propriate treatability group of the waste?	None	GENERATED
			Yes No NA		
		If	yes, check the appropriate treatability group.		
			 Wastewaters containing solvents (less than or equal to 1% T by weight) Pharmaceutical wastewater containing spent methylene chloride All other spent solvent wastes 	roc	
	2.	Cal the	ifornia List Wastes: Does the generator correctly determine appropriate treatment standard of the waste?	NONE	GENERATED
		a.	For liquid hazardous waste that contains PCBs at concentrations greater than or equal to 50 but less 500 ppm, is the treatment in accordance with existing TSCA thermal treatment regulations for burning in high efficiency boilers (40 CFR 761.60) or incineration (40 CFR 761.70)?		
			Yes No NA		
			If yes, specify the method:		
		b.	For liquid hazardous waste that contains PCBs at concentrations greater than or equal to 500 ppm, is the waste incinerated or disposed of by other approved alternate methods (40 CFR 761. 60 (e))?		•
			Yes No NA		
•			If yes, specify the method and state whether the facility has submitted a written request to the Regional Administrator or Assistant Administrator for an exemption from the incineration requirement:		
					- -

	Yes	No	NA
If yes, check the a	ppropriate treatabil	ity group.	
Wastewa filterabl Nonwasi	ter (less than 1% T e solids) ewaters	OC by weigh	it and less than I
List the waste code	and check the cor	rect treatmen	t standard group
Waste Code	Wastewater		Nonwastewate
K048			V
K049			·/
K050			à de la companie
KOSI			
F-Solvent Wastes			V
F-Solvent Wastes	ator determine who ent standards?	ther the F-so	olvent waste
F-Solvent Wastes Does the gener exceeds treatments	ator determine who ent standards? Yes	ther the F-so	Divent waste
F-Solvent Wastes Does the gener exceeds treatment. How was this description	ator determine who ent standards? Yes etermination made	ther the F-so	
F-Solvent Wastes Does the gener exceeds treatment. How was this description	ator determine who ent standards? Yes	ther the F-so	
F-Solvent Wastes Does the gener exceeds treatment. How was this description	ator determine who ent standards? Yes etermination made	ther the F-so	
F-Solvent Wastes Does the gener exceeds treatment that was this described to the control of the	ator determine who ent standards? Yes Letermination made e of waste	No No	NA
How was this d - Knowledg	ator determine who ent standards? Yes etermination made e of waste Yes	No No No available for	NA

В.

	b.	Does the F-solvent waste exceed applicable treatability group treatment standards upon generation [268.7(a)(2)]?
		Yes No NA
		If yes, specify the waste stream:
	c.	Does the generator dilute the F-solvent waste as a substitute for adequate treatment [268.3]?
		Yes No NA
	d.	How does the generator test F-solvent waste when a process or waste stream changes?
2.	Cali	fornia List Wastes NONE GENERATED
	а.	Does the generator determine whether the waste is a liquid according to the Paint Filter Liquids Test (PFLT method 9095) as described by SW-846?
		Yes No NA
	b.	If the waste is determined to be a liquid according to PFLT, is an absorbent added to the waste?
		Yes No NA
		What type of absorbent is used?
		Check the types of waste to which absorbent is added.
		Liquid hazardous waste having a pH less than or equal to 2
		Liquid hazardous waste containing metals
		Liquid hazardous waste containing free cyanides
C		Does the generator determine whether the concentration levels (not extract or filtrate) in the waste equal or exceed the prohibition levels or whether the waste has a pH of less than or equal to 2.0 based on:
	•	Knowledge of wastes
		Yes No NA

		If yes, is any supporting data available for review? Describe how this is adequate.
		- Testing Yes No NA
		If yes, list test method used:
	d.	Does the generator determine if concentration levels in the PFLT filtrate exceed cyanide and metals concentration levels?
		Yes No NA
		- If yes, list test method used and constituent and concentration levels that exceeded prohibition levels:
	c.	Does the generator dilute the waste as a substitute for adequate treatment [268.3]?
		Yes No NA
3.	Fir	st Third Wastes:
	а.	Does the generator correctly determine the appropriate treatment standard of the waste?
		No NA
		Note: The treatment standards for first third wastes are given in Appendix D.
	b.	Does the generator determine whether the First Third waste exceeds treatment standards upon generation?
		Yes No Soft hammer
		If yes, specify the waste stream: KO48, KO49, KO50, KO51
		How was this determination made?
		- Knowledge of waste
		Yes No
		If yes, is any supporting data available for review? Describe how this is adequate. WASTE ANALYSES RY COLF COAST LABORATORIES

			- TCLP
			Yes No NA
			- Total Constituent Analysis
			Yes No NA
			Provide the date of last test, the frequency of testing, and note any problems. Attach test results.
		c.	Does the generator dilute the waste as a substitute for adequate treatment [268.3]?
			Yes No NA
		d.	How does the generator test the waste when a process or waste stream changes?
			PETROLEUM REFINING INDUSTRY ? PROCESS DOES NOT CHANGE WASTE STREAMS DO NOT CHANGE
c.		12gem	
	1.		Site Management
		Is re tr c at	strict waste or waste that exceeds the treatment standards ed, stored, or disposed on-site?
			Yes No
		If ye	es, the TSD Checklist must be completed.
	2.		Site Management
		a.	Does the generator ship any waste that exceeds the treatment standards to an off-site treatment or storage facility?
			Yes No
		b.	Does the generator provide notification to the treatment or storage facility [268.7(a)(1)]?
			Yes No

c.	Does notification contain the following?	
	EPA Hazardous waste number(s) Yes	
	Applicable treatment standards Yes	
		No
	Manifest number Yes	No
	Waste analysis data, if available Yes	No
	Identify off-site treatment or storage facilities: EWR IN POLLUTION CONTROL INDUSTRIES IN E. CHICAGE	OCOAL CITY LLUNCOS
đ.	Does the generator ship any waste that meets the treatment standards to an off-site disposal facility?	
	Yes	
e.	Does the generator provide notification and certification to the disposal facility [268.7(a)(2)]?	
	Yes No	
f.	Does notification contain the following?	
	EPA Hazardous waste number(s) Yes	No
	Applicable treatment standards Yes	No
	Manifest number Yes	No
	Waste analysis data, if available Yes	No
	Certification that the waste meets treatment standards Yes	No
	Identify off-site land disposal facilities:	
g.	Is the waste subject to a nationwide variance, case by case extension (268.5), or petition (268.6)?	
	Yes No NA	Effective DATE:
h.	If yes, does the generator provide notification to the off-si receiving facility that the waste is not prohibited from lan [268.7(a)(3)]?	
	Yes No	NOTIFICATION IS WRITTEN AS THOUGH

	•			
	i.	If yes, does the notification contain t	he following information?	
		EPA Hazardous waste number	Yes No	
		The corresponding treatment standard and all applicable prohibitions	s Yes No	
		Manifest number	Yes No	
		Waste analysis data, if available	Yes No	
		Date the waste is subject to the prohibitions	Yes No	
	j.	Does the generator retain copies of all a period of 5 years?	notices and certifications for	
		•	Yes No	
D.	Demonst	ration and Certification "Soft Hammer	"Wastes Nonle Genler AT	7
	a.	Has the generator attempted to locate a and recovery facilities that provide tre greatest environmental benefit [268.8(a)	and contract with treatment	
			Yes No	
	b.	Has the generator submitted to the Reg demonstration and certification contain to document its efforts to locate practic	1	
		A list of facilities and facility officials contacted?	Yes No	
		Addresses	Yes No	
		Telephone Numbers	Yes No	
		Contact dates	Yes No	
		Attach a copy of the demonstration	n and certification	
•	c.	If the generator has determined that the treatment for its wastes, has it sent docudemonstrating why it was not able to ob for the waste?	ere is no practically available amentation to EPA tain treatment or recovery	
		Yes No	0	
		If yes, attach a copy of written discussion	un.	

	d.	Does the generator ship his waste of	f-site for treatment?	
		Yes No		
		Describe the type of treatment and t	reatment facilities	
	e.	Did the generator send a copy of its to the receiving facility with the firs	demonstration and certifet shipment of waste?	fication
		Yes	. No	
	f.	Does the generator provide certificate shipment of wastes?	ion with each subsequen	t
		Yes	. No	
	g.	Does the generator provide the follow receiving facility with each shipment	ving notification to the of waste?	
		(i) EPA Hazardous waste num	ber Yes	No
		(ii) Manifest number	Yes	No
		(iii) Waste analysis data, if available	Yes	No
	h.	Does the generator retain copies of all certifications for a period of 5 years?	I notices demonstrations	
		Yes	No	
E.		Using RCRA 264/265 Exempt Units or s, furnaces, distillation units, wasteward tanks, elementary neutralization, etc.)		
	Are tunde	reatment residuals generated from unit RCRA 264/265?		
		Yes	No	
	If yes	s, list types of waste treatment units an	d processes:	

Illinois Environmental Protection Agency Division of Land Pollution Control

INSPECTION REPORT

USEPA #: 1L D 0 0 5 1	09822 IEPA#: 0310240005
Facility Name: CLARK OIL AL	ND REFINING CORP. Phone #: (312) 385-5000
Street Address: 131ST 4 KEDZ	County: COOK
City: BLUE ISLAND	State: 1441NO15 Zip: 60406
	ection Date: 11 / 16 / 89 From: 9:00 9m To: 12:15 pm
Weather: 28°	110m. 10. 12.15 pm
	TYPE OF FACILITY
Notified As: G, TSD	Regulated As: G (S)
LDF? HPV?	90-Day F/LI Required?
(You or roop)	
RCRA: V Sampling:	TYPE OF INSPECTION
Record Review:	Citizen Complaint: Closed: Other:
	Follow-Up to Inspection of: Withdrawal:
SQG: Claimed	NON-REGULATED STATUS
Claimed	Nonhandler: Other (Specify in Narrative):
	PARTA
Notification Date: 8	1 18 1 80, from (initial) or (subsequent) Notification.
Initial Part A Date: 11/18/80	
Part A Withdrawal requested: 2	//
	PART B PERMIT APPLICATION NA
Part B Permit called by (US)(IL) EPA or	n: <u>51 6 88</u> Permit Due: <u>// 8 88</u>
Part B Permit Submitted:/	/ Draft Permit Issued: / /
	ENFORCEMENT NIA
Has firm been referred to:	USEPA? No IAG? No County SA? No
Date(s) of initial referral:	
USEPA CACO://	CAFO:// ALJ Decision: / /
Referral to DOJ by USEPA:/	/ Federal Court Order Issued: / /
PCB Order issued:/	_/ State Court Order Issued:/ /
	TSD FACILITY ACTIVITY SUMMARY
	AND
Activity by Process Code Code	Conducted 1860 No Arrival Report

		TART	Condition of the Condit		//	****	, ,	/	
Activity by Process Code		On Parl A?	HE IS 1985	Evel Dare?	DESCRIPTION OF THE PERSON OF	From d. Indo.? Enempt per 35 IAC, Sec.	88	On Annual I	Report 86
SOI	YES	UNKNOWN	YES	No	No	NIA	NIA	NIA	NA
S02	YES	UNKNOWN	No	NIA	No	NlA	NIA	NA	NA
TOI	YES	UNKNOW	No	NIA	No	NIA	NIA	NIA	
T04	YES	UNKNOWN	No	NIA	No	NIA	NIA	NA	NA
						RECEIVED	,		
						DEC 0 5 1989			
						IEDMIN PG	N-10-10-10-10-10-10-10-10-10-10-10-10-10-		

SUMMARY OF APPARENT VIOLATIONS

OWNER	OPER	ATOR			
Name CLARK OIL & REFINING (
Address 8/82 MARINAND		* REFINING-CORP.			
City St. Louis	131st 8T	* KEDZIE AVENUE			
State MISSOURI Zip 63105	DLUE ISLAND				
Phone # (314) 951 0101	100,70013	Zip 60406			
(314) 134-9696	Phone # (708) 385-	5000			
PERSON(S) INTERVIEWED	TITLE	PHONE #			
STAFFORD JACQUES	Acet Die no I will	(a)			
RONALD SNOOK	ASST. DIR. DF ENV. CON	UTROL (108) 385-5000			
JOHN BERNBOM		41ST (708) 385-5000			
NO CONTRACTOR OF THE PARTY OF T	DIR. OF ENV. CONTROL	(708) 385-500			
INSPECTION PARTICIPANT(S)	AGENCY/TITLE				
	AGENCI/II/EE	PHONE #			
DONNA CZECH	IEPA /EPS	(708) 31/5 800			
		(708) 345-978			
DDEBARER SI					
PREPARED BY	AGENCY/TITLE	PHONE #			
DONNA CZECH	IEPA (EPS				
		(708)345-978			
Jed Class Section Ned	Class Section 54	* / s /			
	Cités Section Pu	Charles Section			
0 1 725, 212(4)					

CLO FIN	Class		Section
CLO	1 .	725,	212(a) 242(a)
FIN	1	725.	242(9)
		 	
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- +			
- +		· , · ,	
			
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Pro) / c	855	Section
	-		

Pr'	30/)1855	Section
	 	-	
· · · · · · · · · · · · · · · · · · ·	<u> </u>		

WASTE DISPOSITION FORM

Facility Name: (1 LARK OIL & REFINING CORP.

EDISE NO. YES . Yes 4/8 Q ES $\frac{C_{e}}{e}$ 7 er pola 10. 2 2 2 <u>S</u> ⊃_ħ SES SES * Block dillo SE SE 4 A 4 4 > > 2 2 SS LAND IS BY LO SIED 18/4 ر الإ 14/1 Sp JES. 4 4 KOY9 YES 2 \geq Kods KOSO 5-13-88 KOSI H-N 28-02-5 SPILLED ASPHART, etc. 9-26-85/N-H 9-23-85 N-H N-H 3-31-81 4 1 1 83 370242018 OIL IWATER SEPARATOR FROM THE PRODUCTION WIN TREATMENT FOR FROM CLEAN-UP OF FROM CLEANING OF WASTE OIL RECOVERY FROM CLEANING OF PITS OR VESSELS HEAT EXCHANGERS 01 RESIDUAL SUEFUR FROM SPENT CATALYSTS BOTTOMS FROM COLLAG TOWERS APE SEPARATOR 0 EMULSIFIED OIL INTERFACE FIREM COMBANIA BOOK OF THE STATE OF BELLEVILLE OF DISSOLVED AIR RESIDUAL FROM
REOTATION FLOATURIN TREATURINE OF GASOLINE CLEANING OF USEPA #: 11 DO 051 RESIDUAL THE BOOK OF STATE OF HEAT CKCUANGE LEANING SLUBG CATALYST, SAND, BASIN SLUDGES 9 SEPARATOR CATALYSTS 2144 4012 FMULSION SLOP OIL IEPA #: SLUDGE VAR 1005 SCLECE BUNDLE COCLING SOLIDS SULFUR もの気 SCRAP API

FWR, INC. In COALGITY, ILLINOIS

NONE VARIES OFFICE.

Pes

YES 1

SHIPPED

BLENDING

BR BEL

Nove NARIES 11-1-89

YES

YES

Disposition

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Report for:

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POLLUTION CONTROL INDUSTRIE

CALUMET CITY

FOR LAND DISPOSAL

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VARIES 10-31-89

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APPROX.

Yes

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NONE NARIES 10-26-89 I'M GAST CHICAGO, INDIANA

NONE VARIES OTHER

1 YES 1

YES

SHIPPED

URI-MET IN LAFAYETTE, LOUSIANA

SHIPMENT IN PREPARA

VER.

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in CALUMET CITY

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LAND DISPOSAL

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CID 300

NONE

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4

LAND DISPOSAL

^{*} All "NO" responses must be explained in narrative.

0310240005 - Cook County Blue Island/Clark Oil & Refining Corp. ILD005109822

Narrative

Clark Oil and Refining Corp. receives crude oil via pipeline, refines it, and produces many petroleum-related products such as gasoline, liquefied petroleum gas, asphalt, and different types of fuel oil. Some of these products are stored temporarily on-site. These products are later loaded onto trucks at a nearby terminal for local distribution. Barges are also loaded with product at a dock on the river on the south end of the property. Some products are piped directly to one of several terminals for distribution.

Hazardous Wastes

- 1. Dissolved air flotation (DAF) float (KO48)
 - -residual material from wastewater treatment for waste oil recovery
 - -rate of generation varies
 - -shipped with other K-wastes
 - -a shipment is made when it is determined that the DAF unit should be emptied of residual material
 - -no waste was on site
- 2. Slop oil emulsion solids (KO49)
 - -emulsified oil interface from oil water separator
 - -rate of generation varies
 - -shipped to EWR, Inc. in Coal City, Illinois for fuel blending
 - -a shipment is made about every three to four months
 - -no waste was on site
- Heat exchanger bundle cleaning sludge (K050)
 - -residual material from cleaning of heat exchangers
 - -rate of generation varies
 - -shipped with other K-wastes
 - -a shipment is made when it is determined that heat exchangers should be emptied of residual material
 - -no waste was on site
- 4. API separator sludge (KO51)
 - -bottoms from API separator
 - -rate of generation varies
 - -shipped to Pollution Control Industries in East Chicago, Indiana for fuel blending
 - -a shipment is made when it is determined that the API separator should be emptied of residual material
 - -no waste was on site

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DEC 0 5 1989
IEPA/DLPC

Non-Hazardous Wastes

- 1. Sulfur catalyst, sand, clay and oil
 - -generated from clean-up of spilled asphalt, etc.
 - -rate of generation varies
 - -shipped to CID in Calumet City for land disposal
 - -a shipment is made when economically feasible
 - -approximately six cubic yards were on site in three roll-off boxes
- 2. Various spent catalysts
 - -generated in the production of gasoline
 - -rate of generation varies
 - -shipped to Cri-Met in Lafayette, Louisiana for recycling/recovery
 - -a shipment is made when economically feasible
 - -96 drums were on site
- 3. Cooling tower basin sludges
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 - -generation is periodic cooling towers must be shut down completely
 in order to clean them
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 - -no waste was on site

Hazardous Waste Units .

- SO1 Container Storage Area
 - -located on western end of property
 - -outside, open area
 - -soil base, covered with gravel
 - -no waste in this area

Notes

The Part A application which was originally submitted by Clark Oil & Refining Corp. includes SOI, SO2, TOI, and TO4 for hazardous waste activity. As explained in the previous inspection report (12/22/87), the latter three activities have never occurred at this site. The regulated SOI unit is the result of inadvertent accumulation of a roll-off box containing a listed hazardous waste for longer than 90 days. Because the Agency considers the SOI unit to be RCRA-regulated, a closure plan for this unit is required.

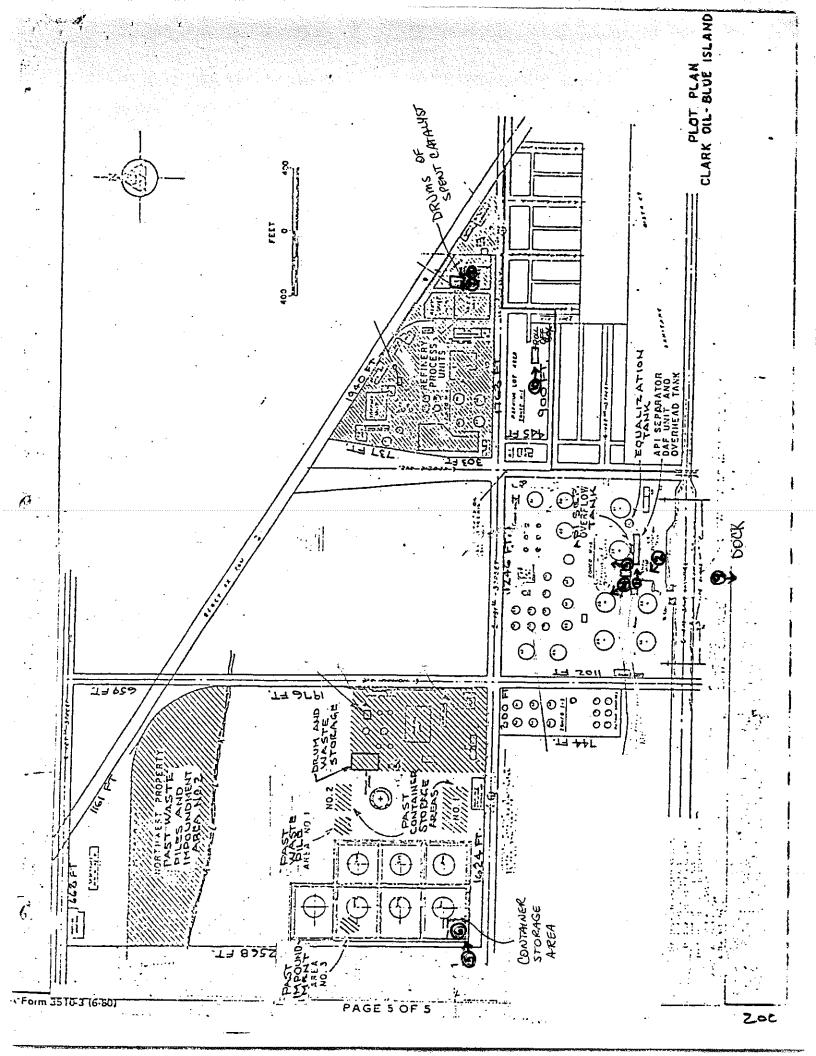
The hazardous wastes generated by Clark Oil are not accumulated in containers or tanks. Periodically it is determined that various process units should be emptied of residual material. When the company is ready to dispose of this waste material, a transporter removes the waste directly from the process unit and loads it into a truck. Because hazardous waste is not accumulated on-site, Clark Oil is not subject to Section 722.134.

At the time of the inspection, Clark Oil & Refining Corp. was operating as a fully regulated generator. Representatives of Clark Oil expressed a desire to change the company's status from that of a storage facility to a generator only. The company's Part A permit can be withdrawn after the container storage area has been certified closed according to an Agency approved closure plan.

Apparent Violations

- 725.212(a) No closure plan available for the regulated container storage area.
- 725.242(a) No closure cost estimate available for the regulated container storage area.

DC:dfa:1261D



RCRA LAND DISPOSAL RESTRICTION INSPECTION

Facility: _(CLARK O	IL * REFINING	CORP.		
U.S. EPA I.D	. No.: 11)	005 109 822		03/02	40005
Street:	1315T STA	REET AND KET	DZIE AL	ENVE	
City: B	LUE ISLAND	State: /LL	NO/S	Zip Code	(DHN)
Telephone:	(108)	385 -50∞		P	<u> </u>
Operator:	LARK OIL	9 REFINING	CORP.		
Street:	31ST STR	EET AND KEDZI	E AVENU	E	
City: <u>But</u>	JE ISLAND	State: /LL	NOIS		60406
Telephone:	(708)3	85-5000			<u> </u>
Owner:	LARK OIL	+ REFINING (orf.		
Street: S	182 MAR	YLAND			
City: ST.	LOUIS	State: <u>Misso</u>	OURI	Zip Code:	63105
Telephone:	(314)	854-9696			
Inspection Dat	e: <u>11/16/89</u> Ti	me: 9:00an- 12:15pmW		000	
			eather Condi	tions:	
	<u>Name</u>	Affiliation			
Inspectors:	<u>Name</u>			Telephone	_
	<u>Name</u>	Affiliation Czech IEPA		Telephone (708)34	5-9780
	Name DONNA	Affiliation		Telephone (708) 34	5-9780 85-5000
Inspectors:	Name DONNA	Affiliation CZECH IEPA JOHN BERNBON	Φυες	(708) 34.	5-9780 85-5000 385-5000
Inspectors:	Name DONNA	Affiliation CZECH IEPA. JOHN BERNBOM STAFFORD JACK RONALD SNO	QUES OOK LDR Stat	Telephone (708) 34. (708) 3 (708) 3 (708)	5-9780 85-5000
Inspectors: Facility Repres	Name DONNA	Affiliation CZECH IEPA. JOHN BERNBOM STAFFORD JACK RONALD SNO	φυες OOK	Telephone (708) 34 (708) 3 (708) 3 (708)	5-9780 85-5000 385-5000
Inspectors: Facility Repres	Name DONNA	Affiliation CZECH IEPA. JOHN BERNBOM STAFFORD JACK RONALD SNO	QUES OOK LDR Stat	Telephone (708) 34 (708) 3 (708) 3 (708)	5-9780 85-5000 385-5000
Inspectors: Facility Repres	Name DONNA	Affiliation CZECH IEPA. JOHN BERNBOM STAFFORD JACK RONALD SNO	QUES OOK LDR Stat	Telephone (708) 34 (708) 3 (708) 3 (708)	5-9780 85-5000 385-5000
Inspectors: Facility Repres Generator Transporter	Name DONNA	Affiliation CZECH IEPA. JOHN BERNBOM STAFFORD JACK RONALD SNO	QUES OOK LDR Stat	Telephone (708) 34 (708) 3 (708) 3 (708)	5-9780 85-5000 385-5000
Inspectors: Facility Repres Generator Transporter Treater	Name DONNA	Affiliation CZECH IEPA. JOHN BERNBOM STAFFORD JACK RONALD SNO	QUES OOK LDR Stat	Telephone (708) 34 (708) 3 (708) 3 (708)	5-9780 85-5000 385-5000
Inspectors: Facility Repres Generator Transporter Treater Storer	Name DONNA	Affiliation CZECH IEPA. JOHN BERNBOM STAFFORD JACK RONALD SNO	QUES OOK LDR Star Californi	Telephone (708) 34 (708) 3 (708) 3 (708)	5-9780 85-5000 385-5000
Inspectors: Facility Repres Generator Transporter Treater Storer	Name DONNA	Affiliation CZECH IEPA. JOHN BERNBOM STAFFORD JACK RONALD SNO	QUES COK LDR Stat Californi DEC 0	Telephone (708) 34. (708) 3 (708) 3 (708) 3	5-9780 85-5000 385-5000 First Third V

INSPECTION SUMMARY

FOR FACILITY BACKGROUND, SEE RCRA NARRATIVE

AT THE TIME OF THE INSPECTION, THIS COMPANY APPEARED TO BE OPERATING IN COMPLIANCE WITH LAND DISPOSAL RESTRICTION REGULATIONS.

0310240005 - Cook County Blue Island/Clark Oil & Refining Corp. ILD005109822

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 - -no waste in this area

<u>Notes</u>

The Part A application which was originally submitted by Clark Oil & Refining Corp. includes SO1, SO2, TO1, and TO4 for hazardous waste activity. As explained in the previous inspection report (12/22/87), the latter three activities have never occurred at this site. The regulated SO1 unit is the result of inadvertent accumulation of a roll-off box containing a listed hazardous waste for longer than 90 days. Because the Agency considers the SO1 unit to be RCRA-regulated, a closure plan for this unit is required.

The hazardous wastes generated by Clark Oil are not accumulated in containers or tanks. Periodically it is determined that various process units should be emptied of residual material. When the company is ready to dispose of this waste material, a transporter removes the waste directly from the process unit and loads it into a truck. Because hazardous waste is not accumulated on-site, Clark Oil is not subject to Section 722.134.

At the time of the inspection, Clark Oil & Refining Corp. was operating as a fully regulated generator. Representatives of Clark Oil expressed a desire to change the company's status from that of a storage facility to a generator only. The company's Part A permit can be withdrawn after the container storage area has been certified closed according to an Agency approved closure plan.

Apparent Violations

- 725.212(a) No closure plan available for the regulated container storage area.
- 725.242(a) No closure cost estimate available for the regulated container storage area.

DC:dfa:1261D

RCRA LAND DISPOSAL RESTRICTION INSPECTION APPLICABILITY CHECKLIST

Does the facility handle the following wastes?

				Gen.	Treat	Store	Disp.	Trans.
A.	F-9	Solvent Wa	istes None	GENERATI	う			T.EHS.
	1.	F001		<u></u>				
	2.	F002					************	
	3.	F003						
	4.	F004					***************************************	
	5.	F005			•			
-		Note:	Use Appendi misclassifyin	x A to deter g any of its	mine whet	her the fac	ility is	

B. California List Wastes NONE GENERATED

1. Liquid hazardous waste (including free liquids associated with any solid or sludge) that contains the following metals at concentrations greater than or equal to those specified

\dot{r}'	Gen.	Treat	Store	Disp.	T
Arsenic	500 mg/L			D13p.	Trans.
Cadmium	100 mg/L				
Chromium VI	500 mg/L				
Lead	500 mg/L				
Mercury	20 mg/L				
Nickel	134 mg/L			-	
Selenium	100 mg/L				
Thallium	130 mg/L				·
					

2.	Liqu any cond	uid hazaro solid or s entration	ious waste (ludge) that s greater th	(including contains an or equ	free liqui free cyanic al to 1,000	ds associate les at mg/L	d with	Α.
			·	Gen.	Treat	Store	Disp.	Tran
3.	Liqu	id hazard	ous waste t	hat has a	pH of less	than or eq	ual to 2.0	
4.	Liqui than	d hazarde or equal t	ous waste the output of the state of the sta		ns PCBs at	concentrat	cions greater	
			500 ppm	-				
	. (Does the footains P	acility mix	liquid hat the the the the the the the the the th	zardous wastes	aste that		
	I _	f yes, stat	e reasons f	Yes or mixing	No		_ NA	
5.	Hazaro	lous waste s) or 1,000	that conta mg/kg (so	ins HOCs lids)	greater th	an or equa	l to 1,000 m	g/L
) S	Note (1 waste is specific): The pr s also sub s HOC.	ohibitions of the s	of 268.32(solvent re	a)(3) and (o strictions o	e) do not a f 268 Subp	pply if the art C for a	
0	, 1987; r cqual	the effec to 10.000	tiva dasa C	or liquid	1032 (HA)	מו טטטי,טני יי	s with HOC g/L was Jul Cs greater t greater than	v ·

Revised 9-26-88

C. First Third Wastes

Note: (1) The detailed description for waste codes are listed in Appendix C. EPA has promulgated the treatment standards for the following (2) waste code with *.

					•	
÷.		Gen.	Treat	Store	Disp.	Trans.
F006°				· .	p.	114112.
F007						
F008	·					
F009				:		
F019				-		
K001*					-	-
K004°						
K008°					<u> </u>	-
K011						
K013			***************************************			
K014				-		
K015*			***************************************			
K016*						
K017						
K018°			-		-	
K019*	·					
K020°				-		
K021°						
K022°		 .				
K024*						
K025*	•					***************************************
K030°			***************************************			
K031		***************************************	-			
· K035						
K036°						
K037*						
K044*						
K045*						
K046*						
AU-TU						
		5			Revised	0.36.65

		Gen.	Treat	Store	Disp.	Trans.
K047°	· · · · · · · · · · · · · · · · · · ·			-		,
K048°			***************************************			- Chairmann ann ann ann ann ann ann ann ann ann
K049°			***************************************		-	
K050°				***************************************	**************************************	**************************************
K051*		V V V	and the second	<u> </u>	-	
K052°			***************************************	-		-
K060°						· ·
K061*						
K062*	<u>-</u>					
K069°				•		
K071°						
K073°						-
K083°				•	·	
K084			·			
K085					. ——	
K086°			-			
K087°			-			
K099•			-			
K100*						
K101°						
K102°						
K103*						. ——
K104*						
K106°						
P001			-	-		
P004		-				
P005		· ·	-			
P010				-		
P011		<u> </u>			-	
P012			-			
P015						
P016						
P018						
		_				

		Gen.	Treat	Store	Disp.	Trans
P020						
P030	-			4		
P036		-	وسنيسوسه		-	•
P037				-	**************************************	4
P039		-	•		***************************************	
P041				4		
P048					-	
P050						
P058						
P059						
P063			-			····
P068	· ·		·	-	***********	-
P069			-			
P070	•.				-	
P071		***************************************				
P081						
P082				-		
P084						
P087		 .				
P089						
P092						
P094						
P097				-		
P102		-				
P105					-	
P108						
P110	•					
Dite			***************************************			
. P113 P120				-		
P122						
P123	•					
U007						
U009						
J003						
						

		Gen.	Treat	Store	Disp.	Trans
U010						
U012			-			
U016	•					************
U018			-	-	-	-
U019		***************************************				
U022		•		-	·	
U029		**************************************				
U031		***************************************	•			
U036		************		-	-	
U037						
U041			_	**************************************		
U043						
U044		·	-			
U046						·
U050).	-	-		
U051						
U053						
U061						
U063						
U064						
U066						
U067						
U074						-
U077						
U078			-		, 	
.U086		-				
U089	-					
U103						
. U105		-				
U108			-			
U115	•					
U122	•			·		
U124						
U 127		· · · · · · · · · · · · · · · · · · ·				
		_		·. -		

				•		APP
a.		Gen.	Treat	Store	Disp.	Trans.
U129						
U130				4		
U133	. *		<u> </u>		***************************************	-
U134						
U137						· ·
U151			C			-
U154					-	anna the same to t
U155			-			
U157						
U158				-		
U159		-	•		-	
U171						
U177		-		-		
U180					-	
U185						
U188						
U192						
U200				-		·
U209						
U210						
U211					-	
U219			-			
U220		-				
U221						
U223				•	-	
U226						
U227						
U228		**************				
U237						-
U238						
U248			-			
U249						
		-		-		

RCRA LAND DISPOSAL RESTRICTION INSPECTION

GENERATOR CHECKLIST

GENERATOR REQUIREMENTS

1.	AT Treatability Group - Treatment Standards Identification F-Solvent Wastes: Does the generator correctly determine the appropriate treatability group of the waste?	None	GEN ERÀTE
	Yes No NA		•
	If yes, check the appropriate treatability group.		
	Wastewaters containing solvents (less than or equal to 1% 7 by weight)	oc	
	Pharmaceutical wastewater containing spent methylene chloride		
	All other spent solvent wastes		
2.	California List Wastes: Does the generator correctly determine the appropriate treatment standard of the waste?	NONE	GENERATE
	a. For liquid hazardous waste that contains PCBs at concentrations greater than or equal to 50 but less 500 ppm, is the treatment in accordance with existing TSCA thermal treatment regulations for burning in high efficiency boilers (40 CFR 761.60) or incineration (40 CFR 761.70)?		
	Yes No NA		
	If yes, specify the method:		,
	b. For liquid hazardous waste that contains PCBs at concentrations greater than or equal to 500 ppm, is the waste incinerated or disposed of by other approved alternate methods (40 CFR 761. 60 (e))?		
	Yes No NA		
	If yes, specify the method and state whether the facility has submitted a written request to the Regional Administrator or Assistant Administrator for an exemption from the incineration requirement:		

		Yes	No	NA
	If yes, check the	appropriate treats	bility group.	1476
	Wastew filteral			tht and less than 19
	List the waste cod	le and check the c	Offect treatme	nt standard group.
	Waste Code	Wastewat		
	<u> </u>			Nonwastewater
	_ K 049		· · · · · · · · · · · · · · · · · · ·	
	K050			
	K051			
	11001			
Was	te Amaloust	4		
	te Analysis			
	· -	NONE GENER	ATED	
	F-Solvent Wastes a. Does the gener	NONE GENER rator determine when the standards?	hether the F-s	
	F-Solvent Wastes a. Does the gener exceeds treatm	rator determine whent standards? Yes	hether the F-s	olvent waste
	F-Solvent Wastes a. Does the gener exceeds treatm How was this of	rator determine when the standards? Yes determination made	hether the F-s	
	F-Solvent Wastes a. Does the gener exceeds treatm How was this of	rator determine when the standards? Yes determination mades of waste	hether the F-s No	
	F-Solvent Wastes a. Does the gener exceeds treatm How was this of Knowledge	rator determine when the standards? Yes determination mades of waste Yes	hether the F-s No le?	NA
	F-Solvent Wastes a. Does the gener exceeds treatm How was this of Knowledge	rator determine when the standards? ———————————————————————————————————	hether the F-s No le? No	NA
	F-Solvent Wastes a. Does the gener exceeds treatm How was this of Knowledge If yes, is a how this i	rator determine when the standards? ———————————————————————————————————	hether the F-s No le? No	NA
	F-Solvent Wastes a. Does the gener exceeds treatm How was this of Knowledge If yes, is a how this i	rator determine when the standards? Yes determination mades of waste Yes any supporting data adequate.	hether the F-s No le? No la available fo	NA
	F-Solvent Wastes a. Does the gener exceeds treatm How was this of Knowledge If yes, is a how this i	rator determine when the standards? Yes determination mades ge of waste Yes any supporting days adequate. Yes	hether the F-s No le? No la available fo	NA

		treatment standards upon generation [268.7(a)(2)]?
		Yes No NA
		If yes, specify the waste stream:
	c.	
		Does the generator dilute the F-solvent waste as a substitute for adequate treatment [268.3]?
		Yes No NA
	d.	How does the generator test F-solvent waste when a process or waste stream changes?
•	Cali	fornia List Wastes NONE GENERATED
	a.	Does the generator determine whether the waste is a liquid according to the Paint Filter Liquids Test (PFLT method 9095) as described by SW-846?
		Yes No NA
	b.	If the waste is determined to be a liquid according to PFLT, is an absorbent added to the waste?
		Yes No NA
	J	What type of absorbane in the
	a	idded.
	-	Liquid hazardous waste having a pH less than or equal to 2
	-	Liquid hazardous waste containing metals
	_	Liquid hazardous waste containing free cyanides
c	. D	oes the generator details
	e: le ba	oes the generator determine whether the concentration levels (not stract or filtrate) in the waste equal or exceed the prohibition vels or whether the waste has a pH of less than or equal to 2.0 used on:
	-	Knowledge of wastes
		Yes No NA

		how this is adequate.
		Testing Yes No NA
		If yes, list test method used:
	d. Do	es the generator determine if concentration levels in the PFLT rate exceed cyanide and metals concentration levels?
		Yes No NA
	•	If yes, list test method used and constituent and concentration levels that exceeded prohibition levels:
	e. Doe trea	s the generator dilute the waste as a substitute for adequate tment [268.3]?
3.	First Thir	Yes No NA
		u 11451C\$;
	a. Does stand	the generator correctly determine the appropriate treatment dard of the waste?
	Note: Appe	The treatment standards for first third wastes are given in ndix D.
	b. Does treatm	the generator determine whether the First Third waste exceeds nent standards upon generation?
	-	Yes No Soft hammer
	If yes	specify the waste stream: KO48, KO49, KO50, KO51
	How v	was this determination made?
	• I	Cnowledge of waste
		Yes No
. •	II h —	f yes, is any supporting data available for review? Describe ow this is adequate. WASTE ANALYSES RY GULF COAST LABORATORIES

		-	- TCLP
			Yes No NA
			- Total Constituent Analysis
		•	Yes V No NA
			Provide the date of last test, the frequency of testing, and note any problems. Attach test results.
		c.	Does the generator dilute the waste as a substitute for adequate treatment [268.3]?
			Yes No NA
		d.	How does the generator test the waste when a process or waste stream changes?
			PETROLEUM REFINING INDUSTRY: PROCESS DOES NOT CHANGE: WASTE STREAMS DO NOT CHANGE
			- JUNIOLE STICE ATINS IN NOT CHANGE
C.	Ma.	nagem	
•			
	1.		Site Management
		Is rea	estrict waste or waste that exceeds the treatment standards ted, stored, or disposed on-site?
			YesNo
		If y	es, the TSD Checklist must be completed.
;	2.		Site Management
		a.	Does the generator ship any waste that exceeds the treatment standards to an off-site treatment or storage facility?
			✓ Yes No
		b.	Does the generator provide notification to the treatment or storage facility [268.7(a)(1)]?
			Yes No

CURRENTLY IN EFFECT

· c	. Does notification contain the following?		
	EPA Hazardous waste number(s)	✓ Yes	No
	Applicable treatment standards	✓ Yes	· 10
	Manifest number	✓ Yes	
	Waste analysis data, if available		
	Identify off-site treatment or storage fac. POLLUTION CONTROL INDUSTRIES ,		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N E. CHIC	AGO, INDIANA
d.	Does the generator ship any waste that metreatment standards to an off-site disposa	ects the l-facility?	
	Yes V No		
e.	Does the generator provide notification as certification to the disposal facility [268.7]	nd (a)(2)]?	
	Yes No		
f.	Does notification contain the following?		
	EPA Hazardous waste number(s)	Yes	No
	Applicable treatment standards	Yes	No
	Manifest number	Ycs	No
	Waste analysis data, if available	Yes	No
	Certification that the waste meets treatment standards	Yes	No
	Identify off-site land disposal facilities:		
g.	Is the waste subject to a nationwide variance by case extension (268.5), or petition (268.6)	?	
	Yes No	N	A Effective DATE:
h.	If yes, does the generator provide notification receiving facility that the waste is not prohitable [268.7(a)(3)]?		• 70
	Yes Vo		NOTIFICATION IS
	15	Re	WRITTEN AS THOUGH EVISED 9-26-88 "LAND BAN WERE
		A	MAKE.

	•	i. If yes, does the notification contain t	he following infor	mation?
		EPA Hazardous waste number	Yes	No
	•	The corresponding treatment standard and all applicable prohibitions	s	146
•		Manifest number	Yes	No
		•	Yes	No
	•	Waste analysis data, if available	Yes	No
		Date the waste is subject to the prohibitions	Yes	No
	j.	Does the generator retain copies of all a period of 5 years?		cations for
			Yes	No
D.	Demons	tration and Certification "Soft Hammer	Wastes None	GEN CO ATEN
	a.	Has the generator attempted to locate a and recovery facilities that provide trea greatest environmental benefit [268.8(a)]	nd contract with t	
			Yes	No
	b.	Has the generator submitted to the Regi demonstration and certification contains to document its efforts to locate practic	ional Adminstration ing the following i ally available treat	ū 2
		A list of facilities and facility officials contacted?	Yes	
		Addresses		No
		Telephone Numbers	Yes	No
		Contact dates	Yes	No
		Attach a copy of the demonstration	and certification	
•	c.	If the generator has determined that ther treatment for its wastes, has it sent documents demonstrating why it was not able to obtain the waste?	e is no practically	available covery
		Yes No		,
		If yes, attach a copy of written discussion	l .	

α,	- Does	the generator ship hi	s waste off-site for ti	reatment?
•		Yes	No	
	Descri	be the type of treats	nent and treatment fa	acilities
e.	Did the	e generator send a corectiving facility wi	opy of its demonstration the first shipment	ion and certification of waste?
		Yes	No	
f.	Does the Shipme	ne generator provide nt of wastes?	certification with eac	ch subsequent
		Yes	No	
8.	Does th	e generator provide ng facility with each	the following notifications shipment of waste?	ation to the
	(i)	EPA Hazardous v	aste number	Yes No
	(ii)	Manifest number		Yes No
	(iii)	Waste analysis dan if available	a,	Yes No
h.	Does the	generator retain col tions for a period of	pies of all notices, des 5 years?	monstrations, and
		Yes	No	
reatmen Are	t tanks, el treatment r RCRA 26	Yes	Units or Processes wastewater ion, etc.) rom units or processe No units and processes:	es exempt

E.

ENVIRONMENTAL PROTECTION AGENCY STATE OF ILLINOIS <u>L P C F C O 5 5</u> ILD005/09822 (8) (9)OBSERVATION REPORT - SITE INVENTORY NO. 031024055 Cook CO. - L.P.C. Region # Date 04/02/92 Blue Island / Clark Oi (20)Letter Sent (Yes or No) (Location) (Responsible Party) Samples Taken: Yes () No (>) Time: From $Qq:3Q \stackrel{\text{\tiny }}{\rightarrow} \underline{\text{\tiny }}\underline{\text{\tiny }}\underline{\text{\tiny }}$ Weather 45° cloudy (26) Ground Water() Surface() Other() To 10:30 A m Photos Taken: Yes () No (x) Interviewed R. Bruggink Inspector (27) Previous Inspection 3-24-82 Previous Correspondence Peter of 3-24 Site Open: Yes(X) No()

AUTHORIZATION: Operating (X) Landfill Random Dump
Other (X)
Quantity Received Daffy(1-6)
(30) () Storage E.P.A. Permit () Temporarily Closed () () Variance Closed Not Covered () () 21(e) Closed and Covered () Board Order (30) Illegal (5) IMPROVED (31)LPC 4 1/79 5,000 SAME DETERIORATED I S or D (62)Cliff Hould accompa GENERAL REMARKS: interwewed. Que to inconsisted lacques were interwewed, "Que to muther - has recolved INTERVIEW: One othy waste, scrap resen - Wit under the RCRA n as determined that

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ENVIRONMEN L PROTECTION AGENCY STATE OF LINOIS LPCFCO55 C

 $\frac{L \stackrel{P}{C} \stackrel{F}{E} \stackrel{C}{C} \stackrel{O}{\underline{5}} \stackrel{5}{\underline{5}} \stackrel{C}{\underline{6}}}{(1)}$ **OBSERVATION** REPORT - SITE INVENTORY NO.

Samples Taken: Yes () Ground Water() Surface(Photos Taken: Yes ()	Previous Correspondence TYPE OF OPERATION: Landfill () S Random Dump () S Other ()	Date _ / _ / _ (20) (25) Letter Sent (Yes or No) (26) _ m
DETERIORATED		I S or D
GENERAL REMARKS:		(62)
doute- History gen	egypte R Erygyrk, 9.	Freeley, 4 13 Machine
State of the trade of the	y pod petroloum e	il panverted in
They whistly a	of generated in sill	solid water merting
Tutted his sign	199, 51; leaded takk hoth	mes = hoso and some
INTERVIEW:	which has been labeled	has on the paring to die
The File	of difficition, the wast	r would not be harandon
Fil TSS Inspect	5 report to	we remarks sup of
DIAGRAM:		

(Illnois Environments Protection Agency Division of Land Pollution Control

RCRA INSPECTION-REPORT

	Clark O		-	ining (-0 .		8/385-5000	766
reet Address: 13	100 5.	Ledzie	<u> </u>	ve.			ok	The state of the s
ity: Blue I	Island				State:		Zip: 60406	
agion: Mayw	ood Ins	spection D	ate: _2	1 2819	14	From: 2:30	7 Te: 3:1	3
estner: 25	5º, over	cast		22	AND THE RESERVE	The three is the second of the	Comment Angelogist Comment	
the total section	100		TYPE	OF PACELI		HARLES - LANGE - CONTRACTOR		a management
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LOF? N	HPV? N		ley F/U I	Required?:		YES	160 <u>X</u>	-
	and the same of th	i materiale	TYPE	OF INSPEC	TION			-
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ME/O&M:	Record Rev	WOW:		Follow-Lie	to inspect	ion of:	Withdrawal:	
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SQG:	Clair	ned Nonna				Other (Specify in N	lamuve):	
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Initial Part A Date				3/1 = 1		inded: _/	1	
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Part 8 Permit Subr			16			nal Permit lesued	1 1	
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Has the firm been			,		A: Y or N			
Illinois Attorney Ga	Meret Y or N		='=			torneys Y or N	'	
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Federal Court Ord	er:/	/St	ate Cou	rt Order:	'	IPCB Orde	er	
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DEDCONIC) INTEDVIEWED	TITLE PHONE #
Phone # 314/854 - 9696	Phone # 708/385-5000
State Mo Zip 63105	State Zip 6 0 4 0 6
City St. Louis	City Blue clotand
Address 8182 maryland	Address 131st St. + Kedzie
Name Clark Oil + Ref. Corp.	Name Clark Oil + Ref. Corp.
The Company of the Co	

TITI	
///L	=

Stafford gargues	Envt. Monages	708/385-5000
Stafford gargues Ron Snook	Envt. Manager	708/385-5000
·		

INSPECTION PARTICIPANT(S)

AGENCY/TITLE

PHONE #

Richard Reich	IEPA/EPS	708/338-7900
Mark Retzlaff	IEPA / EPS	708/338-7900
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AGENCY/TITLE

PHONE #

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IEPA/EPS

708/338-7900

SUMMARY OF APPARENT VIOLATIONS N/A

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O :	County				
arkOil + Redini Site Name	my lo				
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<u> </u>	Complaint #: C 44	- (7 7 N			
FOS 15 94					
Date Recvd: 1/10/94	By: Col B	y Phone: In F	erson:B	y Mail: <u>★</u>	
Complainent: CCDEC & T		Respondent: C\		_ 1	2
Address:	Jyle (3023), 0 JETT	•	100 S. Ke		
Address.		-		1.21 POH	n4
CCDEC 708	365-6165				<u>UG</u>
Telephone: Tom Bosso U	nknown	Telephone: <u>70</u> 8	1085 - 5 000	<u> </u>	
Directions to Source:	·				
		· · · · · · · · · · · · · · · · · · ·			
Complaint Details: Soil (Contomination	and oil	spillage,		
attoched.				RECEIVED	
				MAR 0 7 1994	
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	INVES	TIGATION FINDINGS		IEPA-DLPC	
Date Invest: 2-28-94			Reich		Y
Date Invest: 2-26-14	Time From: 2.50	<u>/10</u>	Inspector		Photos
Interviewed: Ron Sne	ode Stational A	Maues Weather:	250,00	receat	
Remarks: Jooked	at three	loading air	an n	o exider	 -ep
			as are		7 4
of oil spill	7				
drained to	facility wo	stocates to	eatment	21917110	
		1-	0 - 1	of dies	•
Workers working	y on steam	line con	planed	of alle	reso.
Could be	due to be	Jane Vapa	s, but	rotu	
confirmed b	y medical	testo.	melers	delected	<u></u>
some VOAS	(low lev	els), but	facility	plons	<u>ന</u>
probing the	area wi	hen weather	of cless	s. No	
1 imme	diate evider	ce of be	yene 1	elease	
according to	My. Snoon	k. He	will s	end my	D
a Comp of	tost resul	to when a	vailable	· No	
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Complainent Notified of			Entered into	computer:	
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EMERGENCY RESPONSE UNIT OFFICE OF CHEMICAL SAFETY - IEPA

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LEASE PRINT AND USE 24 HOUR TIME		No on going since
Prince 10 A 0 10 10 10 10 10	time	
Officer Decid Hertzia	time	date
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elayou (niough	[] other list	ted on back
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ALLER:		
M anonymous []keep confidential	ASK CALLER: (II	(applicable)
phone (H)(W)	YES NO	
address:		caller consulted doctor
	(1)	,
represents: [] self [] local government	[1]	caller has photos, other evidence
YPE OF PROBLEMS:	12 11	•
air pollution/odor/open burning	[] []	caller works or worked in past for
HIT POINTIDIOGOTOPON CANADA	• • • • •	alledged source
waste handling/dumping		. '
surface water pollution	\Box	caller has filed lawsuit or other clain
drinking water/utility name is:	(1 (1	against source
other		Paris of the
	[] []	caller has complained to source (dat
OURCE: M known [] suspected [] unknown	[] []	to whom and result)
name	•	to whom and tweny
phone number		
in Clark ail Ca		as Non-language athere affected
street Talt of 131 St TRedzie		caller knows others affected
city Rive Island [] in [] near	1	name
county Cook		address
section twp. range		city
sectionwP'	2	name
		address
YES NO		
[] [] callers health affected, explain:		city
	[] []	caller willing to testify under oath a
	[] []	enforcement hearing
[] callers property damaged		
•	11 [1	send caller complaint forms
PROBLEM DESCRIPTION: Orniving oil on		[] sent/by
the ground after landing isto		[] sent
		native a Fig. Wires
River Could be impacted	RELATED COM	
AILE CONTRACTOR	[] listed on	back
	1 1 IFDA Deepo	nse on-scene [] by phone
FOLLOW UP/STATUS	by:	T 143 Errorra
Referred within IEPA: Region	time	date //_
Division: [] APC [] LPC [] PWS [] WPC	results:	
name:	Referred to	other agency
time date		•
If upgraded to incident IESDA#:		
Closed by referral, hard copy sent: FAX 1-5-94	nome:	444
Closed w/o referral because:	time	date
LOG OF EVENTS [] over for additional information		· · · · · · · · · · · · · · · · · · ·
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II. 532 1570 EPA 173 11/91

FILE NO. L 0 3 1 0 2 4 00 0 5 WITHHELD DOCUMENT NO. _o o 9

The original copy of this document is contained in the withheld package.

WITHHELD **DOCUMENT**

FILE CATEGORY

DOCUMENT DATE 1/5/94



COOK COUNTY DEPARTMENT OF ENVIRONMENTAL CONTROL

MAYBROOK CIVIC CENTER

1500 MAYBROOK DRIVE . ROOM 202 . MAYWOOD, ILLINOIS 60153 . PHONE: 708/865-6165 . FAX NO.: 708/865-6361

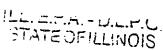
RICHARD J. PHELAN, PRESIDENT BOARD OF COUNTY COMMISSIONERS

Charles F. Lagges Director

January 5, 1994

W 10 394

Mr. Cliff Gould Illinois Environmental Protection Agency 1701 South First Avenue Maywood, IL 60153



Dear Mr. Gould,

Our Department has received two separate complaints which would appear to fall under the Illinois Environmental Protection

Agency (IEPA) Land Pollution Division authority.

The first compliant which I have alredy discussed with you on the telephone involves two workers who while digging a trench at Clark Oil refinery alleged to have been exposed to benzene vapors. The workers subsequently sought treatment at a medical facility and called the Occupational Safety and Health Administration (OSHA) who in turn informed the workers to call our Department. After receiving their compliant I telephoned Clark Oil and had my call returned by Ron Snook. Ron determined the workers were employed by Van Dyke Construction, an outside contracting firm. I informed Ron that I had also contacted Mr. Gould at the IEPA Land Division since this would appear to be a land pollution problem. Ron stated he would also contact Mr. Gould.

At this point there did not appear to be any continual release of benzene or additional exposures and Clark Oil knew of the incident, therefore the original exposure compliant was a safety issue and could best be handled by OSHA. I then called OSHA and was informed a compliant was filed with their office in Calumet City, but they could not release any other information due to worker confidentially rights.

However, it would appear that there may be soil contamination on Clark Oil's site which could require land remediation. Our Department could then be involved at this time since our Ordinance requires a permit application for land remediation processes to be obtained, where air pollutants would be emitted to the atmosphere.

The second compliant is from

I have

attached copies of two letters we have received concerning this matter. One letter is from Groebe Management and the other is from the Cook County Department of Public Health.

RECEIVED

RECEIVED

APR 0 7 1994

MAR 0 7 1994

IEPA-DLPC

IEPA-DLPC

Please inform me of any findings or actions that take place in the future at these sites.

Sincerely,

William J. Franck, Ph.D., P.E., DEE

William J. Franch

cc: Charles Lagges



SITE SKETCH

e Code: Q31 Q2 Y OOQ S County: Cook e Name: Clark O:1 + Refining Time: 3:00 I	e of In	spe	cti	on:	_	? /	2	B /	9	4			Iı	nspe	ect	r:		F	<u>२.</u>	F	<u> </u>	2	د	<u>ん</u>			→ + 4 + 5
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Call after noon 1/4/94 Pelly Officer Leeves

3:30 P.M.

Called all day 1/2 - all counts bresy

Re: Call to National Response Center Claiming Clark was LOADING TRUCKS + DRAINING LOADING ARMS ON THE GROUND

FACT: LOADING ARMS ARE NORMALLY DRAWED INTO TRUCKS.

LIADING THE HAVE VACUUM BREAKERS. AREA IS CONCRETED

WITH DRAINS & SUMP which goes to refinery wrote with
trustment system with oil/water separator. THE REFINERY REPROCESSES

Collected oils

Ron talked to Cliff Hould of IEPA, Maywood - LAND Cliff said be had not heard anything from the NR & regarding this.

Bot I laves of the Clark environmental department visited the the loading area at 4:00 P.M. He reported there was no weible evidence of spills in the area. All Mark, propries in Products Movement said the same thing as written above about the booking practices and the area.

I talked with P.O. Roeves on 1/6/94 at 11:30 A.M. and told him what is written above. He seemed satisfied with the explanal saying he just wanted us to know.

NVIRONMENTAL	PROT	EC.	LIC	NC	A	GE	NC	Y	S	STATE			
	L	P	C	F	C	0	5	5	C				
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INSPECTION REPORT - SITE INVENTORY NO. 03103405	
Co L.P.C. Region # (18) Date 0730	25
$Q_1 = T_{-1} + Q_1 = Q$	(25)
	No)
(Location) (Responsible Party) Samples Taken: Yes () No (A) Time: From ()3:10 Dm Weather ()	28 c
	XO
Ground Water() Surface() Other() To 3:50 m Inspector M L	15
Inspector 107 Interviewed Inspector 1077	2 200
Previous Inspection 1-35-80 Previous Correspondence 3-14-80 Site Open: Yes((29)
OPERATIONAL STATUS: TYPE OF OPERATION: AUTHORIZATION:) NO X
Operating () Sanitary Landfill (X) Storage () E.P.A. Permit	()
Temporarily Closed () Random Dump () Salvage () Variance	()
Closed Not Covered () Other () A.C.D. () 21(e)	N
Closed and Covered Quantity Received Daily (1-6) Board Order	6
(30) Illegal (5)	()
SITE EVALUATION	(31)
Leachate: Ponded on site (X)	32
Flowing on site (X)	33
Seeping (X)	34
Evidence of past flows (X)	35
Observed garbage() refuse() in standing water (X)	36
Flow leaving site (1-3)	37
Open Burning: Observed (5)	38
Underground fire (5)	39 <u> </u>
Evidence of recent open burning (5)	41 —
Insufficient fire protection equipment provided (2) STATE OF ILLINOIS	42 —
Daily Cover: Not provided on previously deposited refuse (5)	43
Not provided on previous operating day (4)	44
Inadequate depth over entire area (3)	45
Inadequate depth over only a portion of area (1-2)	46
Intermediate Cover: Inadequate depth in portion(s)() or entire() required areas(1-3)	47
Final Cover: Inadequate depth in some areas (1-3)	48
Inadequate depth over entire area 60 days after area closure (4)	49
None 60 days after area closure (5)	50
Unloading not supervised (3)	51
Inadequate spreading and compacting ()	
Insufficient operable equipment on site as required () (2 ea. 2-8)	52
Operational roads unsatisfactory ()	J2
Blowing litter(), dust nuisance observed(), Odor detected() (1 ea. 1-3)	53
Permit() Board Order() Violation noted (2 ea. 2-4)	54 —
Liquids() Solids() not permitted (5)	55
<pre>Inadequate site restriction() Site concealment() (2 ea. 2-4)</pre>	56
<pre>Inadequate: Shelter() Sanitary Facilities() Emergency Communications()(1 ea.1-3)</pre>	57
Scavenging by: Operator() Others() observed (1-3)	58
Salvaging Observed(): Improperly conducted in:Location()Operation()Storage()(1-3)	59
Evidence of vectors observed () (1-3)	60
Animal feeding observed () (1-3)	61
C _al Compliance Improvement Needed () Improvement Observed	()
Signature of operator does not necessarily imply agreement with the above noted observat	ions.
WASTE MATERIALS HAVE BEEN BETWOVED AND/OR	-1.0
COVERED	
Signature	

Signature

LPC-5 (Rev. 6-75-500)

Owner/Operator

illinois environmental protection agency	MEMORANDUM
, Div. File .	DATE: 10-7-87
FROM: Jane Squirles	Information only
SUBJECT: FDIA Remont from Theresa XI	
SUBJECT: FOIA Request from Theresad. The dated June 23, 1987	Response requested
On aug 17 1987 I called Theres	n ha
to schedule a file review -	2/
) of A
	Copiero
was still interested but would	Check
or Call me back.	· · · · · · · · · · · · · · · · · · ·
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
On Sept 15, 1987 regrestor wa	s again_
contacted by stone to schedule for	_ ^
On Sept 16, 1987 requestor Co	alled +
left message information was	o no
longer neded.	
·	
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ENVIRONMENTAL PROTECTION AGENCY STATE OF ILLINOIS INSPECTION REPORT - SITE INVENTORY NO. 03100 Co. - L.P.C. Region # (20)Letter Sent (Yes or No) (Location) (Responsible Party) Samples Taken: Yes () No 🏑 Time: From Weather (100 Ground Water() Surface() Other() Photos Taken: Yes () No 🚫 Interviewed Bernbons Swagink Inspector Previous Inspection 12-17-80 Previous Correspondence 1-8-80 Site Open: Yes() No OPERATIONAL STATUS: TYPE OF OPERATION: AUTHORIZATION: Sanitary Landfill Operating Storage () E.P.A. Permit (Temporarily Closed Random Dump Salvage () Variance Closed Not Covered () Other A.C.D. () 21(e) Closed and Covered () Quantity Received Daily(1-6) Board Order Illegal (5) SITE EVALUATION Leachate: Flowing on site (X).......... Jbserved garbage() refuse() in standing water (X). . . Underground fire (5) STAFE OF ILLINOIS Evidence of recent open burning (5). Inadequate depth over entire area (3). Inadequate depth over only a portion of area (1-2) Intermediate Cover: Inadequate depth in portion(s)() or entire() required areas(1-3) Inadequate depth over entire area 60 days after area closure (4) Unloading not supervised (3) Refuse not deposited at toe of slope () Inadequate spreading and compacting () Insufficient operable equipment on site as required () / (2 ea. 2-8). Operational roads unsatisfactory () Blowing litter(), dust nuisance observed(), Odor detected() (1 ea. 1-3). . . Permit() Board Order() Violation noted (2 ea. 2-4)....... Inadequate site restriction() Site concealment() (2 ea. 2-4)...... Inadequate: Shelter() Sanitary Facilities() Emergency Communications()(1 ea.1-3) Salvaging Observed(): Improperly conducted in:Location()Operation()Storage()(1-3)

General Compliance ()

Improvement Needed ()

Improvement Observed (()

Too DRUMS HAVE BEEN REMOVED

Signature of operator does not necessarily imply agreement with the above noted observations.

** CLARK OIL OFFICIALS SAID THEY BELIEVE THE OTHER MATERIALS ON

SITE CONSIST OF SULPHUR CATALLYSTS, COAL FILTER SAND RESIN

WATER AND OIL AND SOBA ASH SLURRY.

Owner/Operator



ENVIRONMENTAL PROTECTION AGENCY STATE OF ILLINOIS INTER-OFFICE CORRESPONDENCE

RECEIVED

DATE: 1-05-70	EB 0 6 1980
MEMO TO: File 03102405	E.P.A. — D.L.P.C.
FROM: Mary Wang Schroeder	STATE OF ILLINOIS
SUBJECT: COUNTY - D.L.P.C. Inspection	
Blue Island / Gark Oil	
GENERAL REMARKS: VISITED The SILE WITH John &	Serpton, Clark
afformen and Robert Bruggink	offrector of
EnvironMental (britis), Cipprox	DOL BOLF OF
Them went to a reconditioner	and one half
INTERVIEW: Junt to a Salvage Land. Bru	acink also
indicated that 40 typenty you	al loxes of
General Perse has been begins to	noved tow
The materials listed in previous	ous inspartions
De said he believed the waster	5 mere as
DIAGRAM: follows: yellow solid - sulphur	LPC-19
RED BROWN CRUSTAL TRES	5/N
	ATALVSIS
LIQUID- OIL WATER M	
WHITE SOLID - SODA	A5H SLURRU
LARGE AGEREGATE BLACK &	DUID - COAL
5MALL AGGREGATE BLACK	SOLID - FILTER SALL
An area of about 301 x 100 cis 5411 Covered	with General
refuse broncress and asphalt have been depor	sited throughout
the area. I told Gruggink and Bernbon tha	t the marerials
other than general refuse or demolition	debris will
page to be ataly sed permitted and trape	d b its
destination with manifests, I also void	nem that the
Cellulated 18 050 and nemol debirts may not now	ened July DI
of Soy of removed. Unagung and Bernho	m perentilled
that the procedure to tollow would be	Dart Merall
wood and general notice out a) get analyse	The state of the s
To other moverials 3) dispose of sparia	wastes 4
pread anapet & cover They said reams 3	V 4 would have
to be pursued in the spring.	